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ABSTRACT

This research study compared the self-concept of women who had chosen first trimester abortion to those who were sexually active but had never experienced pregnancy. Subjects were stratified according to age groups: 13-19, 20-29, and 30 years of age and over. The sample was selected from clients of an intercity abortion agency and students of an urban public school system and university. The questionnaires used were: (1) a demographic-socioeconomic data profile; (2) an instrument to determine a sexually active woman; and (3) the Tennessee Self Concept Scale. Results indicated there was no significant difference in self-concept between the two groups except for the Family Self variable. Statistical analysis is presented in tabular form, comparing self-concept by age groups, and a copy of the Tennessee Self Concept Scale instrument is appended. (Author/JD)

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"THE EFFECTS OF ABORTION ON THE SELF-CONCEPT OF UNWED PREGNANT TEENAGE WOMEN"

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ABSTRACT

This research study compared the self concept of teenage women who had chosen first trimester abortion to teens who were sexually active but had never experienced pregnancy. Subjects were also stratified according to age groups, 13-19, 20-29, and 30 years of age and over. The sample was selected from clients of an intercity abortion agency and students of a urban public school system and university. Results indicated there was no significant difference in the self concept except for the Family Self variable between the two groups of teenage women. Additional statistical analyses is presented comparing the self concept by age groups and pre-post abortion.

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BACKGROUND AND SIGNIFICANCE

Induced abortion has been both an ancient and widespread controversy for centuries (1,2). Attitudes toward abortion have varied from total social acceptance and justification to extreme aversion (3). Today in America varied attitudes prevail with consistent scrutiny of the moral, ethical, medical and political implications of legalized abortion (4).

Early anxieties about surgically induced abortion surfaced in the medical community, whereby, health care providers perceived the procedure to be unsafe and very dangerous for the woman. This perception was a result of physicians being unfamiliar with the surgical technique and treating women who had undergone illegal and/or self-induced abortions (5). Presently, the focus of anxiety in this professional group has shifted concerns toward adverse long-term effects of induced abortion as is evident in a major report by Chung and associates (6).

Another subject of concern has been the psychological sequelae of induced surgical abortion. This concern has stimulated research, especially among psychiatrists who view abortion as a stressful life experience involving major risks to one's mental health. However, psychological research investiations reveal a multitude of uncontrolled intervening variables; namely, subjective opinions influencing and contributing to experimental bias (7) and inconsistencies in interpretations or lack of consensus concerning duration, severity and symptoms of mental disorders along with inadequate monitoring and follow-up of research subjects (8).

Despite voluminous literature concerning the medical and psychological aspects of abortion, little is currently known about the psychosocial and moral aspects of the self-concept in women who seek the services of legal abortion clinics. The only apparent study to date which has examined specifically such variables was reported by Freeman. His findings indicated the female who chooses surgical abortion tends to have a positive self-image and appeared to be undisturbed in the areas of psychological, social and moral levels of well-being (9). Unfortunately, this study provided little definition of variables used to measure psycho-social well-being and the sample consisted of women in the age range of 15 to 40 with no age differences. Also, other related research in this field has failed to be explicit on the type of abortion (spontaneous, illegal or therapeutic) and the demographic-socioeconomic status of the women who abort (10, 11,12, 13). Furthermore, equally serious research gaps occur in comparative studies as well as the use of disparate samples and lack of experimental-control research design.

Procedures and Methods

This research study involved two groups, experimental and control who were also stratified according to ages: 13 to 19, 20 to 29 and 30 years of age and older. Subjects were randomly selected during a five month period. The questionnaires used in this research were: 1) a demographic-socioeconomic data profile; 2) an instrument to determine a sexually active women; and 3) the Tennessee Self Concept Scale (TSCS) (Appendix A).

The experimental subjects were identified as clients of an intercity abortion service agency who had chosen termination of pregnancy in the first trimester. At the arrival of the randomly selected subjects the pretesting was conducted. After the pretest there followed the treatment procedures. The treatment included:

1. A film explaining the risks and involvements of the abortion procedure
2. A discussion about birth control devices and techniques
3. An individualized counseling session
4. The abortive surgical procedure
5. Recovery

One month later, the post-test was given to subjects who returned for the post-operative physical examination. Those subjects who did not return for follow-up were mailed the post-test (TSCS) to be

self-administered and returned to the researcher. A one week grace period was given for returned mailings which after this time a postcard was sent to those subjects as a reminder to complete the materials. To honor confidentiality and anonymity of subjects a coding system was utilized.

The control group consisted of sexually active female subjects stratified according to age. Each subject was identified as being sexually active using an instrument modified from a scale by Murphy and Associates (Appendix A). This randomly selected sample was drawn from public schools and general education classes at a midwest urban university. Due to the lack of availability of control subjects, questionnaires were given only once to this group and used as a pre-measurement comparison with the experimental group.

After the data collection was completed, the research with the aid of an assistant compiled the data for computer analyses.

Statistical analyses of the data was accomplished by employing the Wilcoxon matched-pairs-signed-ranks test, ANOV and the Dependent t test at the .05 level of significance.

Definition of Terms

Experimental Group - Subjects in the first trimester of pregnancy who chose the surgical abortion procedure. Received pretest, treatment and posttest.

Control Group - Subjects chosen from public schools and a midwest urban university.

Age Group - 1 - 12 to 19 years old

2 - 20 to 29 years old

3 - 30 years old and over

Matched - Subjects in the experimental and control groups matched according to age, race and income data.

Research Questions

Is there a significant difference (.05 level of probability) in the self concept of:

1) Teenage women before and after the surgical abortion? (MATCHED EXPERIMENTAL AGE GROUP 1 - PRE AND POST SCORES COMPARISON)

2) Teenage women compared to women ages 20-29 and 30 years old and over who chose to abort? (MATCHED EXPERIMENTAL Ss - AGE GROUP 1, 2, 3 COMPARISON OF PRE SCORES, POST SCORES AND DIFFERENCE IN SCORES)

3) Women ages 20-29 before and after the surgical abortion? (MATCHED EXPERIMENTAL AGE GROUP 2 - PRE AND POST SCORES COMPARISON)

4) Women ages 30 and over before and after the surgical abortion? (MATCHED EXPERIMENTAL AGE GROUP 3 - PRE AND POST SCORES COMPARISON)

5) Women who chose induced surgical abortion compared to women who are sexually active but have never experienced pregnancy or abortion?

   (A) (MATCHED EXPERIMENTAL GROUP COMPARED TO MATCHED CONTROL GROUP - PRE SCORES OF TSCS)

   (B) (MATCHED EXPERIMENTAL AGE GROUPS 1,2, 3 COMPARED TO MATCHED CONTROL GROUPS 1, 2, 3)

6) Women before and after the surgical abortion procedure?

(A) (EXPERIMENTAL GROUP - PRE-POST ANALYSIS)

(B) (EXPERIMENTAL GROUP - PRE-POST ANALYSIS COMPARISON OF AGE GROUPS

7) Women aborters who completed the pre-post questionnaires compared to women aborters who completed only the pre questionnaires. (EXPERIMENTAL GROUP - PRE-POST COMPARED TO EXPERIMENTAL GROUP - PRE ONLY)

Research Hypotheses

1) There is a significant difference in the self concept of teenage women before and after the surgical abortion.

2) There is a significant difference in the self concept of teenage women compared to women ages 20-29 and 30 years old and over who chose to abort.

3) There is a significant difference in the self concept before and after the surgical abortion in women ages 20-29.

4) There is a significant difference in the self concept before and after the surgical abortion in women ages 30 and over.

5) There is a significant difference in women who chose a surgically induced abortion compared to women who are sexually active but have never experienced pregnancy or abortion.

6) There is a significant difference in the self concept of women before and after the surgical abortion procedure.

7) There is a significant difference in the self concept of women who abort that complete the pre-post questionnaires compared to women who abort that complete only the pre questionnaires.

Analysis of Data

I. Sample Characteristics

A. Matched Experimental Group N = 48

Profile:

1. age group 20-29 (48%)
2. never married (69%)
3. have never given birth (73%)
4. do not indicate that abortion is used as a means of birth control (61%)
5. White (88%)
6. high school graduates (33%) and have at some time attended college (47%)
7. Catholic (42%)
8. low income bracket ($0-4,999 yearly)
9. do not receive financial aid support (89%)
10. referred to abortion clinic by friend or relative
11. were using a wide variety of birth control techniques when they became pregnant but after the abortion the pill received priority as a birth control measure

*For additional information refer to the following pages: 8-21

TOTAL EXPERIMENTAL MATCHED (Pre-Post)

N=48

AGE

Age Group	Frequency	Percent	Cum-Percent
12-19	17	35.42	35.42
20-29	23	47.92	83.34
30 and over	8	16.66	100.00

MARITAL STATUS

	Frequency	Percent	Cum-Percent
Married	6	12.50	12.50
Widowed	1	2.10	14.60
Divorced	8	16.70	31.30
Never Married	33	68.70	100.00

HOW MANY TIMES HAVE YOU BEEN PREGNANT

Number	Frequency	Percent	Cum-Percent
None	15	31.25	31.25
1	17	35.42	66.67
2	8	16.66	83.33
3	3	6.25	89.58
More than 3	5	10.42	100.00

AGE AT FIRST PREGNANCY

Age	Frequency	Percent	Cum-Percent
No answer	10	20.83	20.83
13-19	21	43.75	64.58
20-29	17	35.42	100.00

BIRTHS

Number	Frequency	Percent	Cum-Percent
None	35	72.92	72.92
1	10	20.83	93.75
2	3	6.25	100.00

PRIOR ABORTIONS

Number	Frequency	Percent	Cum-Percent
None	29	60.42	60.42
1	13	27.08	87.50
2	14	8.33	95.83
3	2	4.17	100.00

NUMBER OF MISCARRIAGES OR SPONTANEOUS ABORTIONS

Number	Frequency	Percent	Cum-Percent
None	46	95.80	95.80
1	1	2.10	97.90
2	1	2.10	100.00

ETHNICITY

Group	Frequency	Percent	Cum-Percent
White	42	87.50	87.50
Black	6	12.50	100.00

EDUCATION

Completed	Frequency	Percent	Cum-Percent
Grades: 7-9	2	4.17	4.17
10-11	6	12.50	16.67
12 or GED	16	33.33	50.00
Vocational School	1	2.08	52.08
College 1-3 yrs.	16	33.33	85.41
College Completed	2	4.17	89.58
Over 4 years College	5	10.42	100.00

PAST RELIGIOUS UPBRINGING

	Frequency	Percent	Cum-Percent
Catholic	26	54.17	54.17
Jewish	1	2.08	56.25
Protestant	14	29.16	85.41
Other	5	10.42	95.83
None	2	4.17	100.00

PRESENT RELIGIOUS PREFERENCE

	Frequency	Percent	Cum-Percent
Catholic	20	41.67	41.67
Jewish	1	2.08	43.75
Protestant	12	25.00	68.75
Other	7	14.58	83.33
None	8	16.67	100.00

PRESENT ANNUAL INCOME

Number	Frequency	Percent	Cum-Percent
$0-4,999	23	47.920	47.920
5,000-9,999	3	6.250	54.170
10,000-14,999	8	16.665	70.835
15,000-19,999	6	12.500	83.335
20,000 and over	8	16.665	100.000

HOW MANY PEOPLE DOES THIS YEARLY INCOME SUPPORT?

Number	Frequency	Percent	Cum-Percent
1	31	64.58	64.58
2	9	18.75	83.33
3	5	10.42	93.75
4	2	4.17	97.92
5	1	2.08	100.00

FINANCIAL AID SUPPORT

	Frequency	Percent	Cum-Percent
None	43	89.58	89.58
General Relief	2	4.17	93.75
Student Government Loan	3	6.25	100.00

WHO REFERRED YOU TO PRETERM?

	Frequency	Percent	Cum-Percent
Kaiser	5	10.42	10.42
Doctor	8	16.67	27.09
Family Planning Agency	7	14.58	41.67
Friend or Relative	15	31.25	72.92
Telephone Book	2	4.16	77.08
Radio	5	10.42	87.50
Newspaper	5	10.42	97.92
School Health Services	1	2.08	100.00

TYPE OF BIRTH CONTROL BEING USED WHEN YOU BECAME PREGNANT?

	Frequency	Percent	Cum-Percent
Pill	4	8.33	8.33
Diaphragm	6	12.50	20.83
Foam	2	4.16	24.99
Condom	7	14.58	39.57
Withdrawal of Penis	5	10.42	49.99
Rhythm Method	5	10.42	60.41
None	17	35.43	95.84
Foam and Condom	2	4.16	100.00

TYPE OF BIRTH CONTROL YOU PLAN ON USING AFTER THE ABORTION

	Frequency	Percent	Cum-Percent
Sterilization	5	10.42	10.42
Pill	27	56.25	66.67
IUD	2	4.17	70.84
Diaphragm	4	8.33	79.17
Condom	1	2.08	81.25
Abstinence	1	2.08	83.33
None	5	10.42	93.75
Foam and Condom	2	4.17	97.92
Foam, Condom Diaphragm	1	2.08	100.00

DO YOU BELIEVE THE ABORTION PROCEDURE SHOULD BE LEGAL IN THE U.S. FOR ALL WOMEN?

	Frequency	Percent	Cum-Percent
Yes	48	100.00	100.00

EXPERIMENTAL MATCHED (Pre-Post)

Age Group - 1 (12-19)
N= 17

AGE

Age	Frequency	Percent	Cum-Percent
13	1	5.88	5.88
15	1	5.88	11.76
16	1	5.88	17.64
17	5	29.41	47.05
18	5	29.41	76.46
19	4	23.54	100.00

MARITAL STATUS

	Frequency	Cum-Percent
Never Married	17	100.00

HOW MANY TIMES HAVE YOU BEEN PREGNANT?

Number	Frequency	Percent	Cum-Percent
None	7	41.18	41.18
1	7	41.18	82.36
2	2	11.76	94.12
3	1	5.88	100.00

AGE AT FIRST PREGNANCY

Age	Frequency	Percent	Cum-Percent
No Answer	3	17.65	17.65
13	1	5.88	23.53
15	2	11.76	35.29
16	2	11.76	47.05
17	3	17.65	64.70
18	3	17.65	82.35
19	3	17.65	100.00

BIRTHS

Number	Frequency	Percent	Cum-Percent
None	16	94.12	94.12
1	1	5.88	100.00

PRIOR ABORTIONS

Number	Frequency	Percent	Cum-Percent
None	11	64.70	64.70
1	4	23.54	88.24
2	1	5.88	94.12
3	1	5.88	100.00

NUMBER OF MISCARRIAGES OR SPONTANEOUS ABORTIONS

Number	Frequency	Percent	Cum-Percent
None	17	100.00	100.00

ETHNICITY

Group	Frequency	Percent	Cum-Percent
White	13	76.46	76.46
Black	4	23.54	100.00

EDUCATION

Completed	Frequency	Percent	Cum-Percent
Grades: 7-9	2	11.76	11.76
10-11	4	23.54	35.30
12 or GED	9	52.94	88.24
College 1-3 years	2	11.76	100.00

PAST RELIGIOUS UPBRINGING

	Frequency	Percent	Cum-Percent
Catholic	11	64.70	64.70
Protestant	3	17.65	82.35
Other	3	17.65	100.00

PRESENT RELIGIOUS PREFERENCE

	Frequency	Percent	Cum-Percent
Catholic	10	58.82	58.82
Protestant	3	17.65	76.47
Other	3	17.65	94.12
None	1	5.88	100.00

PRESENT ANNUAL INCOME

	Frequency	Percent	Cum-Percent
$2,499 or less	13	76.47	76.47
$2,500-4,999	3	17.65	94.12
$20,000 or less	1	5.88	100.00

HOW MANY PEOPLE DOES THIS YEARLY INCOME SUPPORT?

Number	Frequency	Percent	Cum-Percent
1	15	88.24	88.24
2	1	5.88	94.12
4	1	5.88	100.00

FINANCIAL AID SUPPORT

	Frequency	Percent	Cum-Percent
None	15	88.24	88.24
Social Security	1	5.88	94.12
Other	1	5.88	100.00

WHO REFERRED YOU TO PRETERM?

	Frequency	Percent	Cum-Percent
Physician	2	11.76	11.76
Family Planning Agency	4	29.41	41.17
Friend or Relative	5	23.54	64.71
Telephone Book	1	5.88	70.59
Radio	3	17.65	88.24
Newspaper	1	5.88	94.12
School Health Services	1	5.88	100.00

TYPE OF BIRTH CONTROL BEING USED WHEN YOU BECAME PREGNANT?

	Frequency	Percent	Cum-Percent
Pill	1	5.88	5.88
Condoms	4	29.41	35.29
Withdrawal of Penis	4	29.41	64.70
None	8	35.30	100.00

TYPE OF BIRTH CONTROL YOU PLAN TO USE AFTER THE ABORTION?

	Frequency	Percent	Cum-Percent
Sterilization	1	5.88	5.88
Pill	11	64.72	70.60
IUD	1	5.88	76.48
Diaphragm	1	5.88	82.36
None	2	11.76	94.12
Foam and Condom	1	5.88	100.00

DO YOU BELIEVE THE ABORTION PROCEDURE SHOULD BE LEGAL IN U.S. FOR ALL WOMEN?

	Frequency	Percent	Cum-Percent
Yes	17		100

EXPERIMENTAL MATCHED (Pre-Post)

Age Group 2 (20-29)
N= 23

AGE

Age	Frequency	Percent	Cum-Percent
20	4	17.39	17.39
21	2	8.70	26.09
23	4	17.39	43.48
24	4	17.39	60.87
25	6	26.09	86.96
26	2	8.70	95.66
29	1	4.34	100.00

MARITAL STATUS

	Frequency	Percent	Cum-Percent
Married	3	13.04	13.04
Divorced	5	21.74	34.78
Never Married	15	65.22	100.00

HOW MANY TIMES HAVE YOU BEEN PREGNANT?

Number	Frequency	Percent	Cum-Percent
None	7	30.44	34.44
1	8	34.78	65.22
2	4	17.39	82.61
More than 3	4	17.39	100.00

AGE AT FIRST PREGNANCY

Age	Frequency	Percent	Cum-Percent
No Answer	3	13.00	13.00
15	1	4.00	17.00
16	1	4.00	21.00
17	3	13.00	34.00
18	1	4.00	38.00
19	1	4.00	42.00
20	2	9.00	51.00
21	2	9.00	60.00
23	2	9.00	69.00
24	4	18.00	87.00
25	2	9.00	96.00
29	1	4.00	100.00

BIRTH

Number	Frequency	Percent	Cum-Percent
None	16	69.57	69.57
1	6	26.09	95.66
2	1	4.34	100.00

PRIOR ABORTIONS

Number	Frequency	Percent	Cum-Percent
None	15	65.22	65.22
1	5	21.74	86.96
2	2	8.70	95.66
3	1	4.34	100.00

NUMBER OF MISCARRIAGES OR SPONTANEOUS ABORTIONS

Number	Frequency	Percent	Cum-Percent
None	21	91.32	91.32
1	1	4.34	95.66
2	1	4.34	100.00

ETHNICITY

Group	Frequency	Percent	Cum-Percent
White	22	95.66	95.66
Black	1	4.34	100.00

EDUCATION

Completed	Frequency	Percent	Cum-Percent
Grade: 10-11	2	8.70	8.70
12 or GED	6	26.09	34.79
Vocational School	1	4.34	39.13
College: 1-3 years	12	52.17	91.30
Over 4 years college	2	8.70	100.00

PAST RELIGIOUS UPBRINGING

	Frequency	Percent	Cum-Percent
Catholic	11	47.82	47.82
Protestant	8	34.78	82.60
Other	2	8.70	91.30
None	2	8.70	100.00

PRESENT RELIGIOUS PREFERENCE

	Frequency	Percent	Cum-Percent
Catholic	7	30.435	30.435
Protestant	7	30.435	60.870
Other	3	13.040	73.910
None	6	26.090	100.000

PRESENT ANNUAL INCOME

	Frequency	Percent	Cum-Percent
$2,499 or less	6	26.09	26.09
2,500-4,999	1	4.34	30.43
5,000-7,499	2	8.70	39.13
10,000-12,499	6	26.09	65.22
12,500-14,499	2	8.70	73.92
15,000-17,499	2	8.70	82.62
18,000-19,999	1	4.34	86.96
20,000 and over	3	13.04	100.00

HOW MANY PEOPLE DOES THIS YEARLY INCOME SUPPORT?

Number	Frequency	Percent	Cum-Percent
1	15	65.22	65.22
2	4	17.40	82.62
3	2	8.70	91.32
4	1	4.34	95.66
More than 4	1	4.34	100.00

FINANCIAL AID SUPPORT

	Frequency	Percent	Cum-Percent
None	22	95.66	95.66
Student Government	1	4.34	100.00

WHO REFERRED YOU TO PRETERM?

	Frequency	Percent	Cum-Percent
Kaiser	3	13.04	13.04
Doctor	3	13.04	26.08
Family Planning Agency	3	13.04	39.12
Friend or Relative	10	43.49	82.61
Newspaper	4	17.39	100.00

TYPE OF BIRTH CONTROL BEING USED WHEN YOU BECAME PREGNANT?

	Frequency	Percent	Cum-Percent
Pill	3	13.04	13.04
Diaphragm	5	21.74	34.78
Foam	1	4.34	39.12
Condoms	3	13.04	52.16
Withdrawal of Penis	1	4.34	56.50
Rhythm Method	2	8.70	65.20
None	8	34.80	100.00

TYPE OF BIRTH CONTROL YOU PLAN TO USE AFTER THE ABORTION

	Frequency	Percent	Cum-Percent
Sterilization	2	8.70	8.70
Pill	16	69.58	78.28
IUD	1	4.34	82.62
Condom	1	4.34	86.96
Abstinence	1	4.34	91.30
None	2	8.70	100.00

DO YOU BELIEVE THE ABORTION PROCEDURE SHOULD BE LEGAL IN THE U.S. FOR ALL WOMEN?

	Frequency	Cum-Percent
Yes	23	100.00

EXPERIMENTAL MATCHED (Pre-Post)

Age Group 3 (30 and over)
N=8

AGE

Age	Frequency	Percent	Cum-Percent
30	1	12.5	12.5
32	2	25.0	37.5
34	1	12.5	50.0
35	1	12.5	62.5
36	1	12.5	75.0
38	1	12.5	87.5
44	1	12.5	100.0

MARITAL STATUS

	Frequency	Percent	Cum-Percent
Married	3	37.5	37.5
Widowed	1	12.5	50.0
Divorced	3	37.5	87.5
Never Married	1	12.5	100.0

HOW MANY TIMES HAVE YOU BEEN PREGNANT?

Number	Frequency	Percent	Cum-Percent
None	1	12.5	12.5
1	2	25.0	37.5
2	2	25.0	62.5
3	2	25.0	87.5
More than 3	1	12.5	100.0

AGE AT FIRST PREGNANCY

	Frequency	Percent	Cum-Percent
No Answer	4	50.0	50.0
21	1	12.5	62.5
23	1	12.5	75.0
24	1	12.5	87.5
26	1	12.5	100.0

BIRTHS

Number	Frequency	Percent	Cum-Percent
None	3	37.5	37.5
1	3	37.5	75.0
2	2	25.0	100.0

PRIOR ABORTIONS

Number	Frequency	Percent	Cum-Percent
None	3	37.5	37.5
1	4	50.0	87.5
2	1	12.5	100.0

NUMBER OF MISCARRIAGES OR SPONTANEOUS ABORTIONS

Number	Frequency	Percent	Cum-Percent
None	8	100.0	100.0

ETHNICITY

Group	Frequency	Percent	Cum-Percent
White	7	87.5	87.5
Black	1	12.5	100.0

EDUCATION

Completed	Frequency	Percent	Cum-Percent
12 or GED	1	12.5	12.5
College: 1-3 years	2	25.0	37.5
College completed	2	25.0	62.5
Over 4 years College	3	37.5	100.0

PAST RELIGIOUS UPBRINGING

	Frequency	Percent	Cum-Percent
Catholic	4	50.0	50.0
Jewish	1	12.5	62.5
Protestant	3	37.5	100.0

PRESENT RELIGIOUS UPBRINGING

	Frequency	Percent	Cum-Percent
Catholic	3	37.5	37.5
Jewish	1	12.5	50.0
Protestant	2	25.0	75.0
Other	1	12.5	87.5
None	1	12.5	100.0

PRESENT ANNUAL INCOME

	Frequency	Percent	Cum-Percent
$5,000-7,499	1	12.5	12.5
15,000-17,499	2	25.0	37.5
17,500-19,999	1	12.5	50.0
20,000 and over	4	50.0	100.0

HOW MANY PEOPLE DOES THIS YEARLY INCOME SUPPORT?

Number	Frequency	Percent	Cum-Percent
1	1	12.5	12.5
2	4	50.0	62.5
3	3	37.5	100.0

FINANCIAL AID SUPPORT

	Frequency	Percent	Cum-Percent
None	6	75.0	7.50
General Relief	1	12.5	87.5
Student Government Loan	1	12.5	100.0

WHO REFERRED YOU TO PRETERM?

	Frequency	Percent	Cum-Percent
Kaiser	2	25.0	25.0
Doctor	3	37.5	62.5
Telephone Book	1	12.5	75.0
Radio	2	25.0	100.0

TYPE OF BIRTH CONTROL BEING USED WHEN YOU BECAME PREGNANT?

	Frequency	Percent	Cum-Percent
Diaphragm	1	12.5	12.5
Foam	1	12.5	25.0
Rhythm Method	3	37.5	62.5
None	1	12.5	75.0
Foam and Condom	2	25.0	100.0

TYPE OF BIRTH CONTROL YOU PLAN ON USING AFTER THE ABORTION?

	Frequency	Percent	Cum-Percent
Sterilization	2	25.0	25.0
Diaphragm	3	37.5	62.5
None	1	12.5	75.0
Foam and Condom	1	12.5	87.5
Foam, Condom and Diaphragm	1	12.5	100.0

DO YOU BELIEVE THE ABORTION PROCEDURE SHOULD BE LEGAL IN THE U.S. FOR ALL WOMEN?

	Frequency	Percent	Cum-Percent
Yes	8	100.0	100.0

B. Matched Control Group N=48

PROFILE:

1) age group 20-29 (48%)
2) never married (79%)
3) White (88%)
4) completed 1-3 years of college (65%)
5) Catholic 50-60%
6) low income bracket ($0-4,999 yearly)
7) did not use any form of birth control prior to pregnancy (44%)

*For additional information refer to the following pages: 23-32

TOTAL MATCHED GROUP

N=48

AGE

Group	Frequency	Percent	Cum-Percent
12-19	17	35.42	35.42
20-29	23	47.92	83.34
30 and over	8	16.66	100.00

MARITAL STATUS

	Frequency	Percent	Cum-Percent
Married	9	18.75	18.75
Divorced	1	2.10	20.85
Never Married	38	79.15	100.00

ETHNICITY

Group	Frequency	Percent	Cum-Percent
White	42	87.50	87.50
Black	6	12.50	100.00

EDUCATION

Completed	Frequency	Percent	Cum-Percent
Grades: 7-9	3	6.25	6.25
12 or GED	5	10.42	16.67
College: 1-3 years	31	64.58	81.25
College completed	2	4.17	85.42
Over 4 years college	7	14.58	100.00

PAST RELIGIOUS UPBRINGING

	Frequency	Percent	Cum-Percent
Catholic	29	60.42	60.42
Jewish	1	2.08	62.50
Protestant	11	22.92	85.42
Other	6	12.50	97.92
None	1	2.08	100.00

PRESENT RELIGIUS PREFERENCE

	Frequency	Percent	Cum-Percent
Catholic	26	54.16	54.16
Jewish	1	2.08	56.24
Protestant	11	22.92	79.16
Other	6	12.50	91.66
None	4	8.34	100.00

PRESENT ANNUAL INCOME

	Frequency	Percent	Cum-Percent
$0-4,999	23	47.92	47.92
5,000-9,999	7	14.58	62.50
10,000-14,999	6	12.50	75.00
15,000-19,999	3	6.25	81.25
20,000 and over	9	18.75	100.00

HOW MANY DOES THIS YEARLY INCOME SUPPORT?

Number	Frequency	Percent	Cum-Percent
1	37	77.08	77.08
2	2	4.17	81.25
3	5	10.42	91.67
4	1	2.08	93.75
More than 4	3	6.25	100.00

FINANCIAL AID SUPPORT

	Frequency	Percent	Cum-Percent
None	28	58.33	58.33
General Relief	5	10.42	68.75
Social Security	1	2.08	70.83
Government Pension	3	6.25	77.08
Student Government Loan	9	18.75	95.83
Other	2	4.17	100.00

TYPE OF BIRTH CONTROL YOU ARE USING NOW?

	Frequency	Percent	Cum-Percent
Sterilization	2	4.17	4.17
Pill	9	18.75	22.92
Diaphragm	3	6.25	29.17
Condom	5	10.42	39.59
Withdrawal of Penis	2	4.17	43.76
Rhythm Method	2	4.17	47.93
Abstinence	4	8.33	56.26
None	21	43.74	100.00

DO YOU BELIEVE.THE ABORTION PROCEDURE SHOULD BE LEGAL IN THE U.S. FOR ALL WOMEN?

	Frequency	Percent	Cum-Percent
Yes	32	66.67	66.67
No	16	33.33	100.00

HOW MANY TIMES HAVE YOU BEEN PREGNANT?

	Frequency	Percent	Cum-Percent
Yes	13	27.08	27.08
No	35	72.92	100.00

CONTROL GROUP

Age Group 1 (12-19)
N=17

AGE

Age	Frequency	Percent	Cum-Percent
14	1	5.88	5.88
15	2	11.76	17.64
18	7	41.18	58.82
19	7	41.18	100.00

MARITAL STATUS

	Frequency	Percent	Cum-Percent
Married	1	5.88	5.88
Never Married	16	94.12	100.00

ETHNICITY

Group	Frequency	Percent	Cum-Percent
White	14	82.35	82.35
Black	3	17.65	100.00

EDUCATION

Completed	Frequency	Percent	Cum-Percent
Grades: 7-9	3	17.65	17.65
12 or GED	4	23.53	41.18
College: 1-3 years	10	58.82	100.00

PAST RELIGIOUS UPBRINGING

	Frequency	Percent	Cum-Percent
Catholic	14	82.35	82.35
Protestant	1	5.88	88.23
Other	2	11.77	100.00

PRESENT RELIGIOUS PREFERENCE

	Frequency	Percent	Cum-Percent
Catholic	13	76.47	76.47
Protestant	1	5.88	82.35
Other	3	17.65	100.00

PRESENT ANNUAL INCOME

	Frequency	Percent	Cum-Percent
$0-4,999	16	94.12	94.12
5,000-9,999	1	5.88	100.00

HOW MANY PEOPLE DOES THIS YEARLY INCOME SUPPORT?

Number	Frequency	Percent	Cum-Percent
1	15	88.24	88.24
3	2	11.76	100.00

FINANCIAL AID SUPPORT

	Frequency	Percent	Cum-Percent
None	10	58.825	58.825
General Relief	2	11.765	70.590
Social Security	1	5.880	76.470
Student Government Loan	2	11.765	88.235
Other	2	11.765	100.000

TYPE OF BIRTH CONTROL YOU ARE USING NOW?

	Frequency	Percent	Cum-Percent
Pill	2	11.765	58.825
Condom	2	11.765	70.590
Withdrawal of Penis	1	5.880	76.470
Abstinence	2	11.765	88.235
None	10	58.825	100.000

DO YOU BELIEVE THE ABORTION PROCEDURE SHOULD BE LEGAL IN THE U.S. FOR ALL WOMEN?

	Frequency	Percent	Cum-Percent
Yes	7	41.18	41.18
No	10	58.82	100.00

HAVE YOU EVER BEEN PREGNANT?

	Frequency	Percent	Cum-Percent
Yes	4	23.53	23.53
No	13	76.47	100.00

CONTROL GROUP

Age Group 2 (20-29)
N=23

AGE

Age	Frequency	Percent	Cum-Percent
20	10	43.480	43.480
21	1	4.345	47.825
22	5	21.740	69.565
23	1	4.345	73.910
24	1	4.345	78.255
25	2	8.700	86.955
26	2	8.700	95.655
27	1	4.345	100.000

MARITAL STATUS

	Frequency	Percent	Cum-Percent
Married	2	8.70	8.70
Divorced	1	4.34	13.04
Never Married	20	86.96	100.00

ETHNICITY

Group	Frequency	Percent	Cum-Percent
White	21	91.30	91.30
Black	2	8.70	100.00

EDUCATION

Completed	Frequency	Percent	Cum-Percent
12 or GED	1	4.345	4.345
College: 1-3 years	17	73.920	78.265
College completed	1	4.345	82.610
Over 4 years college	4	17.390	100.000

PAST RELIGIOUS UPBRINGING

	Frequency	Percent	Cum-Percent
Catholic	11	47.830	47.830
Jewish	1	4.345	52.175
Protestant	6	26.090	78.265
Other	4	17.395	95.660
None	1	4.340	100.000

PRESENT RELIGIOUS PREFERENCE

	Frequency	Percent	Cum-Percent
Catholic	10	43.49	43.49
Jewish	1	4.34	47.83
Protestant	6	26.09	73.92
Other	3	13.04	86.96
None	3	13.04	100.00

PRESENT ANNUAL INCOME

	Frequency	Percent	Cum-Percent
$0-4,999	7	30.44	30.44
5,000-9,999	5	21.74	52.18
10,000-14,999	5	21.74	73.92
15,000-19,999	3	13.04	86.96
20,000 and over	3	13.04	100.00

HOW MANY PEOPLE DOES THIS YEARLY INCOME SUPPORT?

Number	Frequency	Percent	Cum-Percent
1	18	78.26	78.26
2	2	8.70	86.96
3	2	8.70	95.66
More than 4	1	4.34	100.00

FINANCIAL AID SUPPORT

	Frequency	Percent	Cum-Percent
None	12	52.18	52.18
General Relief	3	13.04	65.22
Government Pension	3	13.04	78.26
Student Government Loan	5	21.74	100.00

TYPE OF BIRTH CONTROL YOU ARE USING NOW?

	Frequency	Percent	Cum-Percent
Pill	5	21.74	21.74
Diaphragm	3	13.04	34.78
Condom	2	8.70	43.48
Withdrawal of Penis	1	4.34	47.82
Rhythm Method	1	4.34	52.16
Abstinence	1	4.34	56.50
None	10	43.50	100.00

DO YOU BELIEVE THE ABORTION PROCEDURE SHOULD BE LEGAL IN THE U.S. FOR ALL WOMEN?

	Frequency	Percent	Cum-Percent
Yes	19	82.61	82.61
No	4	17.39	100.00

HAVE YOU EVER BEEN PREGNANT?

	Frequency	Percent	Cum-Percent
Yes	5	21.74	21.74
No	18	78.26	100.00

CONTROL GROUP

Age Group 3 (30 and over)
N=8

AGE

Age	Frequency	Percent	Cum-Percent
30	1	12.50	12.50
31	1	12.50	25.00
32	1	12.50	37.50
34	1	12.50	50.00
36	1	12.50	62.50
39	1	12.50	75.00
40	1	12.50	87.50
49	1	12.50	100.00

MARITAL STATUS

	Frequency	Percent	Cum-Percent
Married	6	75.00	75.00
Never Married	2	25.00	100.00

ETHNICITY

Group	Frequency	Percent	Cum-Percent
White	7	87.50	87.50
Black	1	12.50	100.00

EDUCATION

Completed	Frequency	Percent	Cum-Percent
College: 1-3 years	4	50.00	50.00
College completed	1	12.50	62.50
Over 4 years college	3	37.50	100.00

PAST RELIGIOUS UPBRINGING

	Frequency	Percent	Cum-Percent
Catholic	4	50.00	50.00
Protestant	4	50.00	100.00

PRESENT RELIGIOUS PREFERENCE

	Frequency	Percent	Cum-Percent
Catholic	3	37.50	37.50
Protestant	4	50.00	87.50
None	1	12.50	100.00

PRESENT ANNUAL INCOME

	Frequency	Percent	Cum-Percent
$5,000-9,999	1	12.50	12.50
10,000-14,999	1	12.50	25.00
20,000 and over	6	75.00	100.00

HOW MANY DOES THIS YEARLY INCOME SUPPORT?

Number	Frequency	Percent	Cum-Percent
1	4	50.00	50.00
3	1	12.50	62.50
4	1	12.50	75.00
More than 4	2	25.00	100.00

FINANCIAL AID SUPPORT

	Frequency	Percent	Cum-Percent
None	6	75.00	75.00
Student Government Loan	2	25.00	100.00

TYPE OF BIRTH CONTROL METHOD YOU ARE USING NOW?

	Frequency	Percent	Cum-Percent
Sterlization	2	25.00	25.00
Pill	2	25.00	50.00
Condom	1	12.50	62.50
Rhythm Method	1	12.50	75.00
None	2	25.00	100.00

DO YOU BELIEVE THE ABORTION PROCEDURE SHOULD BE LEGAL IN THE U.S. FOR ALL WOMEN?

	Frequency	Percent	Cum-Percent
Yes	8	100.00	100.00

HAVE YOU EVER BEEN PREGNANT?

	Frequency	Percent	Cum-Percent
Yes	6	75.00	75.00
No	2	25.00	100.00

C. Total Experimental Group (Pre-Post)

PROFILE:

1) age group 20-29 (49%)
2) never married (64%)
3) never given birth (68%)
4) White (73%)
5) high school education and beyond (84%)
6) Catholic (36%), Protestant (23%), Other (41%)
7) yearly income of $5,000 and over (59%)
8) do not receive financial aid support (87%)
9) were referred to abortion clinic by friend or relative (29%) or by private physician (21%)
10) were not using reliable birth control measures when they became pregnant (none, withdrawal, rhythm - 54%)
11) plan to use an effective birth control method after the abortion (sterilization, pill, IUD - 67%)

To receive additional information refer to the following pages: 34-49

TOTAL EXPERIMENTAL GROUP (Pre-Post)

N=75

AGE

Age	Frequency	Percent	Cum-Percent
13-19	22	29.3	29.3
20-29	37	49.3	78.6
30 and over	16	21.4	100.0

MARITAL STATUS

	Frequency	Percent	Cum-Percent
Married	10	13.33	13.33
Widowed	1	1.33	14.66
Separated	5	6.67	21.33
Divorced	11	14.67	36.00
Never Married	48	64.00	100.00

HOW MANY TIMES HAVE YOU BEEN PREGNANT?

Number	Frequency	Percent	Cum-Percent
None	20	26.67	26.67
1	26	34.67	61.34
2	13	17.33	78.67
3	6	8.00	86.67
More than 3	10	13.33	100.00

AGE AT FIRST PREGNANCY?

Age	Frequency	Percent	Cum-Percent
No Answer	14	18.67	18.67
13	2	2.67	21.34
15	5	6.67	28.01
16	4	5.33	33.34
17	7	9.33	42.67
18	8	10.68	53.35
19	5	6.67	60.02
20	4	5.33	65.35
21	6	8.00	73.35
22	1	1.33	74.68
23	4	5.33	80.01
24	6	8.00	88.01
25	5	6.67	94.68
26	1	1.33	96.01
27	1	1.33	97.34
29	1	1.33	98.67
30	1	1.33	100.00

BIRTHS

Number	Frequency	Percent	Cum-Percent
None	51	68.000	68.000
1	15	20.000	88.000
2	6	8.000	96.000
3	1	1.333	97.333
4	1	1.333	98.333
more than 4	1	1.333	100.000

PRIOR ABORTIONS

Number	Frequency	Percent	Cum-Percent
None	42	56.00	56.00
1	22	29.34	85.34
2	7	9.33	94.67
3	4	5.33	100.00

NUMBER OF MISCELLANEOUS AND SPONTANEOUS ABORTIONS

Number	Frequency	Percent	Cum-Percent
None	69	92.00	92.00
1	5	6.67	98.67
2	1	1.33	100.00

ETHNICITY

Group	Frequency	Percent	Cum-Percent
Whte	58	77.333....	77.333
Black	16	21.333....	98.666
Hispanic	1	1.333....	100.000

EDUCATION

Completed	Frequency	Percent	Cum-Percent
Grades: 7-9	3	4.00	4.00
10-11	9	12.00	16.00
12 or GED	23	30.66	46.66
Vocational School	2	2.67	49.33
College: 1-3 years	29	38.67	88.00
College completed	3	4.00	92.00
Over 4 years college	6	8.00	100.00

PAST RELIGIOUS UPBRINGING

	Frequency	Percent	Cum-Percent
Catholic	37	49.34	49.34
Jewish	1	1.33	50.67
Protestant	19	25.33	76.00
Other	14	18.67	94.67
None	4	5.33	100.00

PRESENT RELIGIOUS PREFERENCE

	Frequency	Percent	Cum-Percent
Catholic	27	36.00	36.00
Jewish	1	1.33	37.33
Protestant	17	22.67	60.00
Other	20	26.67	86.67
None	10	13.33	100.00

PRESENT ANNUAL INCOME

	Frequency	Percent	Cum-Percent
$0-4,999	31	41.33	41.33
5,000-9,999	7	9.33	50.66
10,000-14,999	15	20.00	70.66
15,000-19,999	6	8.00	78.66
20,000 and over	16	21.34	100.00

HOW MANY PEOPLE DOES THIS INCOME SUPPORT?

Number	Frequency	Percent	Cum-Percent
1	43	57.33	57.33
2	14	18.66	75.99
3	8	10.68	86.67
4	7	9.33	96.00
More than 4	3	4.00	100.00

FINANCIAL AID SUPPORT

	Frequency	Percent	Cum-Percent
None	65	86.67	86.67
Aid to Dependent Children	1	1.33	88.00
General Relief	2	2.67	90.67
Social Security	1	1.33	92.00
Government Pension	1	1.33	93.33
Student Loan	5	6.67	100.00

WHO REFERRED YOU TO PRETERM?

	Frequency	Percent	Cum-Percent
Kaiser	7	9.33	9.33
N.E. Ohio	1	1.33	10.66
Doctor	16	21.33	31.99
Family Planning Agency	9	12.00	43.99
Friend or Relative	22	29.34	73.33
Telephone Book	5	6.67	80.00
Radio	6	8.00	88.00
Newspaper	6	8.00	96.00
School Health Services	3	4.00	100.00

TYPE OF BIRTH CONTROL BEING USED WHEN YOU BECAME PREGNANT?

	Frequency	Percent	Cum-Percent
Pil	9	12.00	12.00
Diaphragm	6	8.00	20.00
Foam	4	5.33	25.33
Condom	12	16.00	41.33
Withdrawal of Penis	6	8.00	49.33
Rhythm Method	7	9.33	58.66
None	28	37.34	96.00
Foam and Condom	2	2.67	98.67
Foam, Condom and Diaphragm	1	1.33	100.00

TYPE OF BIRTH CONTROL YOU PLAN TO USE AFTER THE ABORTION?

	Frequency	Percent	Cum-Percent
Sterilization	9	12.00	12.00
Pill	37	49.34	61.34
IUD	4	5.33	66.67
Diaphragm	7	9.33	76.00
Condom	3	4.00	80.00
Rhythm	1	1.33	81.33
Abstinence	1	1.33	82.66
None	8	10.67	93.33
Foam and Condom	3	4.00	97.33
Foam, Condom and Diaphragm	2	2.67	100.00

DO YOU BELIEVE THE ABORTION PROCEDURE SHOULD BE LEGAL IN THE U.S. FOR ALL WOMEN?

	Frequency	Percent	Cum-Percent
Yes	75	100.00	100.00

TOTAL EXPERIMENTAL GROUP (Pre-Post)

Age Group - 1 (12-19)
N=22

AGE

Age	Frequency	Percent	Cum-Percent
13	1	4.55	4.55
15	2	9.10	13.65
16	2	9.10	22.75
17	6	27.27	50.02
18	7	31.80	81.82
19	4	18.18	100.00

MARITAL STATUS

	Frequency	Percent	Cum-Percent
Never Married	22	100.00	100.00

HOW MANY TIMES HAVE YOU BEEN PREGNANT?

Number	Frequency	Percent	Cum-Percent
None	8	36.36	36.36
1	11	50.00	86.36
2	2	9.10	95.46
3	1	4.54	100.00

AGE AT FIRST PREGNANCY?

Age	Frequency	Percent	Cum-Percent
No Answer	4	18.18	18.18
13	1	4.54	22.72
15	2	9.10	31.82
16	3	13.64	45.46
17	4	18.18	63.64
18	5	22.72	86.36
19	3	13.64	100.00

BIRTHS

Number	Frequency	Percent	Cum-Percent
None	21	95.45	95.45
1	1	4.55	100.00

PRIOR ABORTIONS

Number	Frequency	Percent	Cum-Percent
None	15	68.18	68.18
1	5	22.72	90.90
2	1	4.55	95.45
3	1	4.55	100.00

NUMBER OF MISCARRIAGES AND SPONTANEOUS ABORTIONS

Number	Frequency	Percent	Cum-Percent
None	22	100.00	100.00

ETHNICITY

Group	Frequency	Percent	Cum-Percent
White	18	81.82	81.82
Black	4	18.18	100.00

EDUCATION

Completed	Frequency	Percent	Cum-Percent
Grades: 7-9	3	13.64	13.64
10-11	4	18.18	31.82
12 or GED	11	50.00	81.82
College: 1-3 years	4	18.18	100.00

PAST RELIGIOUS UPBRINGING

	Frequency	Percent	Cum-Percent
Catholic	14	63.64	63.64
Protestant	4	18.18	81.82
Other	4	18.18	100.00

PRESENT RELIGIOUS UPBRINGING

	Frequency	Percent	Cum-Percent
Catholic	11	50.00	50.00
Protestant	4	18.18	68.18
Other	5	22.72	90.90
None	2	9.10	100.00

PRESENT ANNUAL INCOME

	Frequency	Percent	Cum-Percent
$0-4,999	18	81.82	81.82
20,000 and over	4	18.18	100.00

HOW MANY PEOPLE DOES THIS YEARLY INCOME SUPPORT?

Number	Frequency	Percent	Cum-Percent
1	17	77.270	77.270
2	1	4.545	81.815
4	3	13.640	95.455
More than 4	1	4.545	100.000

FINANCIAL AID SUPPORT

	Frequency	Percent	Cum-Percent
None	17	77.270	77.270
General Relief	1	4.545	81.815
Social Security	1	4.545	86.360
Student Government Loan	3	13.640	100.000

WHO REFERRED YOU TO PRETERM?

	Frequency	Percent	Cum-Percent
Doctor	3	13.640	13.640
Family Planning Agency	5	22.720	36.360
Friend or Relative	7	31.810	68.170
Telephone Book	1	4.545	72.715
Radio	3	13.640	86.355
Newspaper	1	4.545	90.900
School Health Services	2	9.100	100.000

TYPE OF BIRTH CONTROL BEING USED WHEN YOU BECAME PREGNANT?

	Frequency	Percent	Cum-Percent
Pill	1	4.545	4.545
Condom	6	27.270	31.815
Withdrawal of Penis	4	18.180	49.995
Rhythm Method	1	4.545	54.540
None	10	45.460	100.000

TYPE OF BIRTH CONTROL YOU PLAN TO USE AFTER THE ABORTION?

	Frequency	Percent	Cum-Percent
Sterilization	1	4.54	4.54
Pill	15	68.18	72.72
IUD	1	4.54	77.26
Diaphragm	2	9.10	86.36
None	2	9.10	95.46
Foam and Condom	1	4.54	100.00

DO YOU BELIEVE THE ABORTION PROCEDURE SHOULD BE LEGAL IN THE U.S. FOR ALL WOMEN?

	Frequency	Percent	Cum-Percent
Yes	22	100.00	100.00

TOTAL EXPERIMENTAL GROUP (Pre-Post)

Age Group 2 (20-29)
N=37

AGE

Age	Frequency	Percent	Cum-Percent
20	5	14.00	14.00
21	3	8.00	22.00
22	2	5.00	27.00
23	7	19.00	46.00
24	7	19.00	65.00
25	6	16.00	81.00
26	2	5.00	86.00
27	4	11.00	97.00
29	1	3.00	100.00

MARITAL STATUS

	Frequency	Percent	Cum-Percent
Married	6	16.22	16.22
Separated	3	8.11	24.33
Divorced	5	13.51	37.84
Never Married	23	62.16	100.00

HOW MANY TIMES HAVE YOU BEEN PREGNANT?

Number	Frequency	Percent	Cum-Percent
None	9	24.32	24.32
1	11	29.73	54.05
2	8	21.62	75.67
3	2	5.41	81.08
More than 3	7	18.92	100.00

AGE AT FIRST PREGANCY?

Age	Frequency	Percent	Cum-Percent
No Answer	4	10.81	10.81
13	1	2.70	13.51
15	3	8.11	21.62
16	1	2.70	24.32
17	3	8.11	32.43
18	3	8.11	40.54
19	2	5.41	45.95
20	3	8.11	54.06
21	3	8.11	62.17
22	1	2.70	64.87
23	3	8.11	72.98
24	5	13.51	86.49
25	3	8.11	94.60
27	1	2.70	97.30
29	1	2.70	100.00

BIRTHS

Number	Frequency	Percent	Cum-Percent
None	22	59.46	59.46
1	10	27.03	86.49
2	4	10.81	97.30
More than 4	1	2.70	100.00

PRIOR ABORTIONS

Number	Frequency	Percent	Cum-Percent
None	20	54.05	54.05
1	11	29.73	83.78
2	4	10.81	94.59
3	2	5.41	100.00

NUMBER OF MISCARRIAGES OR SPONTANEOUS ABORTIONS

Number	Frequency	Percent	Cum-Percent
None	32	86.49	86.49
1	4	10.81	97.30
2	1	2.70	100.00

ETHNICITY

Group	Frequency	Percent	Cum-Percent
White	26	70.27	70.27
Black	10	27.03	97.30
Hispanic	1	2.70	100.00

EDUCATION

Completed	Frequency	Percent	Cum-Percent
Grades: 10-11	5	13.51	13.51
12 or GED	8	21.62	35.13
Vocational School	2	5.41	40.54
College: 1-3 years	19	51.35	91.89
College completed	1	2.70	94.59
Over 4 years college	2	5.41	100.00

PAST RELIGIOUS UPBRINGING

	Frequency	Percent	Cum-Percent
Catholic	16	43.24	43.24
Protestant	9	24.32	67.56
Other	10	27.03	94.59
None	2	5.41	100.00

PRESENT RELIGIOUS PREFERENCE

	Frequency	Percent	Cum-Percent
Catholic	11	29.73	29.73
Protestant	8	21.62	51.35
Other	12	32.43	83.78
None	6	16.22	100.00

PRESENT ANNUAL INCOME

	Frequency	Percent	Cum-Percent
$0-4,999	12	32.43	32.43
5,000-9,000	3	8.11	40.54
10,000-14,999	14	37.84	78.38
15,000-19,999	3	8.11	86.49
20,000 and over	5	13.51	100.00

HOW MANY PEOPLE DOES THIS YEARLY INCOME SUPPORT?

Number	Frequency	Percent	Cum-Percent
1	19	51.35	51.35
2	9	24.32	75.67
3	5	13.51	89.18
4	2	5.41	94.59
More than 4	2	5.41	100.00

FINANCIAL AID SUPPORT

	Frequency	Percent	Cum-Percent
None	34	91.90	91.90
Aid to Dependent Children	1	2.70	94.60
Government Pension	1	2.70	97.30
Student Government Loan	1	2.70	100.00

WHO REFERRED YOU TO PRETERM?

	Frequency	Percent	Cum-Percent
Kaiser	5	13.51	13.51
N.E. Ohio	1	2.70	16.21
Doctor	6	16.22	32.43
Family Planning Agency	3	8.11	40.54
Friend or Relative	13	35.14	75.68
Telephone Book	2	5.41	81.09
Radio	1	2.70	83.79
Newspaper	5	13.51	97.30
School Health Services	1	2.70	100.00

TYPE OF BIRTH CONTROL BEING USED WHEN YOU BECAME PREGNANT?

	Frequency	Percent	Cum-Percent
Pill	7	18.920	18.920
Diaphragm	5	13.510	32.430
Foam	2	5.405	37.835
Condom	6	16.220	54.055
Withdrawal of Penis	1	2.700	56.755
Rhythm Method	3	8.110	64.865
None	13	35.135	100.000

TYPE OF BIRTH CONTROL YOU PLAN TO USE AFTER THE ABORTION?

	Frequency	Percent	Cum-Percent
Sterilization	4	10.81	10.81
Pill	20	54.06	64.87
IUD	3	8.11	72.98
Condom	3	8.11	81.09
Rhythm Method	1	2.70	83.79
Abstinence	1	2.70	86.49
None	3	8.11	94.60
Foam and Condom	1	2.70	97.30
Foam, Condom and Diaphragm	1	2.70	100.00

DO YOU BELIEVE THE ABORTION PROCEDURE SHOULD BE LEGAL IN THE U.S. FOR ALL WOMEN?

	Frequency	Percent	Cum-Percent
Yes	37	100.00	100.00

TOTAL EXPERIMENTAL GROUP

Age Group 3 (30 and over)
N=16

AGE

Age	Frequency	Percent	Cum-Percent
30	3	18.75	18.75
32	3	18.75	37.50
34	2	12.50	50.00
35	1	6.25	56.25
36	3	18.75	75.00
37	1	6.25	81.25
38	1	6.25	87.50
42	1	6.25	93.75
44	1	6.25	100.00

MARITAL STATUS

	Frequency	Percent	Cum-Percent
Married	4	25.00	25.00
Widowed	1	6.25	31.25
Separated	2	12.50	43.75
Divorced	6	37.50	81.25
Never Married	3	18.75	100.00

HOW MANY TIMES HAVE YOU BEEN PREGNANT?

Number	Frequency	Percent	Cum-Percent
None	3	18.75	18.75
1	4	25.00	43.75
2	3	18.75	62.50
3	3	18.75	81.25
More than 3	3	18.75	100.00

AGE AT FIRST PREGNANCY

Age	Frequency	Percent	Cum-Percent
No Answer	6	37.50	37.50
20	1	6.25	43.75
21	3	18.75	62.50
23	1	6.25	68.75
24	1	6.25	75.00
25	2	12.50	87.50
26	1	6.25	93.75
30	1	6.25	100.00

BIRTHS

Number	Frequency	Percent	Cum-Percent
None	8	50.00	50.00
1	4	25.00	75.00
2	2	12.50	87.50
3	1	6.25	93.75
4	1	6.25	100.00

PRIOR ABORTIONS

Number	Frequency	Percent	Cum-Percent
None	7	43.75	43.75
1	6	37.50	81.25
2	2	12.50	93.75
3	1	6.25	100.00

NUMBER OF MISCARRIAGES AND SPONTANEOUS ABORTIONS

Number	Frequency	Percent	Cum-Percent
None	15	93.75	93.75
1	1	6.25	100.00

ETHNICITY

Group	Frequency	Percent	Cum-Percent
White	14	87.50	87.50
Black	2	12.50	100.00

EDUCATION

Completed	Frequency	Percent	Cum-Percent
12 or GED	4	25.00	25.00
College: 1-3 years	6	37.50	62.50
College completed	2	12.50	75.00
Over 4 years college	4	25.00	100.00

PAST RELIGIOUS UPBRINGING

	Frequency	Percent	Cum-Percent
Catholic	7	43.75	43.75
Jewish	1	6.25	50.00
Protestant	6	37.50	87.50
None	2	12.50	100.00

PRESENT RELIGIOUS PREFERENCE

	Frequency	Percent	Cum-Percent
Catholic	5	31.25	31.25
Jewish	1	6.25	37.50
Protestant	5	31.25	68.75
Other	3	18.75	87.50
None	2	12.50	100.00

PRESENT ANNUAL INCOME

	Frequency	Percent	Cum-Percent
$0 -999	1	6.25	6.25
5,000-9,999	4	25.00	31.25
10,000-14,999	1	6.25	37.50
15,000-19,999	3	18.75	56.25
20,000 and over	7	43.75	100.00

HOW MANY PEOPLE DOES THIS INCOME SUPPORT?

Number	Frequency	Percent	Cum-Percent
1	7	43.75	43.75
2	4	25.00	68.75
3	3	18.75	87.50
4	2	12.50	100.00

FINANCIAL AID SUPPORT

	Frequency	Percent	Cum-Percent
None	14	87.50	87.50
General Relief	1	6.25	93.75
Student Government Loan	1	6.25	100.00

WHO REFERRED YOU TO PRETERM?

	Frequency	Percent	Cum-Percent
Kaiser	2	12.50	12.50
Doctor	7	43.75	56.25
Family Planning Agency	1	6.25	62.50
Friend or Relative	2	12.50	75.00
Telephone Book	2	12.50	87.50
Radio	2	12.50	100.00

TYPE OF BIRTH CONTROL BEING USED WHEN YOU BECAME PREGNANT?

	Frequency	Percent	Cum-Percent
Pill	1	6.25	6.25
Diaphragm	2	12.50	18.75
Foam	2	12.50	31.25
Withdrawal of Penis	1	6.25	37.50
Rhythm Method	3	18.75	56.25
None	5	31.25	87.50
Foam and Condom	2	12.50	100.00

TYPE OF BIRTH CONTROL YOU PLAN TO USE AFTER THE ABORTION?

	Frequency	Percent	Cum-Percent
Sterilization	4	25.00	25.00
Pill	2	12.50	37.50
Diaphgram	5	31.25	68.75
None	3	18.75	87.50
Foam and Condom	1	6.25	93.75
Foam, Condom and Diaphragm	1	6.25	100.00

DO YOU BELIEVE THE ABORTION PROCEDURE SHOULD BE LEGAL IN THE U.S. FOR ALL WOMEN?

	Frequency	Percent	Cum-Percent
Yes	16	100.00	100.00

D. Experimental Group Who Took the Pre Questionnaire Only

PROFILE:

1) age group 20-29 (45%)
2) never married (57%)
3) have never given birth (40%) 1 child (36%)
4) White (73%)
5) have completed high school and have some college experience (71%)
6) Catholic (38%), Protestant (33%)
7) income brackets of $0-4,999 (26%) and $10,000-14,999 (36%)
8) do not receive financial aid support (69%)
9) were referred to abortion clinic by a friend or relative (43%), doctor (14%) or family planning agency (14%)
10) seem to suggest a neglect in using birth control (i.e. - none=48%)
11) have seriously considered the use of an effective birth control technique after the abortion (pill-60%; sterilization-14%; diaphragm-10%; IUD-7%; condom-7%)

For additional information refer to the following pages: 51-65

TOTAL EXPERIMENTAL (Pre Only Group)

N=42

AGE

Age Group	Frequency	Percent	Cum-Percent
12-19	11	26.20	26.20
20-29	19	45.20	71.40
30 and over	12	28.60	100.00

MARITAL STATUS

	Frequency	Percent	Cum-Percent
Married	6	14.30	14.30
Widowed	1	2.40	16.70
Separated	3	7.10	23.80
Divorced	8	19.10	42.90
Never Married	24	57.10	100.00

HOW MANY TIMES HAVE YOU BEEN PREGNANT?

Number	Frequency	Percent	Cum-Percent
None	6	14.30	14.30
1	10	23.80	38.10
2	8	19.05	57.15
3	10	23.80	80.95
More than 3	8	19.05	100.00

AGE AT FIRST PREGNANCY

Age	Frequency	Percent	Cum-Percent
No Answer	9	21.42	21.42
13-19	16	38.10	59.52
20-29	17	40.48	100.00

BIRTHS

Number	Frequency	Percent	Cum-Percent
None	17	40.00	40.00
1	15	36.00	76.00
2	5	12.00	88.00
3	2	5.00	93.00
4	1	2.00	95.00
More than 4	2	5.00	100.00

PRIOR ABORTIONS

Number	Frequency	Percent	Cum-Percent
None	21	50.00	50.00
1	16	38.10	88.10
2	3	7.14	95.24
3	2	4.76	100.00

NUMBER OF MISCARRIAGES OR SPONTANEOUS ABORTIONS

Number	Frequency	Percent	Cum-Percent
None	37	88.10	88.10
1	1	2.38	90.48
2	3	7.14	97.62
3	1	2.38	100.00

ETHNICITY

Group	Frequency	Percent	Cum-Percent
White	31	73.80	73.80
Black	11	26.20	100.00

EDUCATION

Completed	Frequency	Percent	Cum-Percent
Grades: 10-11	6	14.30	14.30
12 or GED	19	45.20	59.50
Vocational School	2	4.76	64.26
College: 1-3 years	12	28.60	92.86
Over 4 years college	3	7.14	100.00

PAST RELIGIOUS UPBRINGING

	Frequency	Percent	Cum-Percent
Catholic	19	45.24	45.24
Protestant	17	40.48	85.72
Other	5	11.90	97.62
None	1	2.38	100.00

PRESENT RELIGIOUS PREFERENCE

	Frequency	Percent	Cum-Percent
Catholic	16	38.10	38.10
Protestant	14	33.30	71.40
Other	6	14.30	85.70
None	6	14.30	100.00

PRESENT ANNUAL INCOME

	Frequency	Percent	Cum-Percent
$0-4,999	11	26.20	26.20
5,000-9,999	7	16.67	42.87
10,000-14,999	15	35.71	78.58
15,000-19,999	4	9.52	88.10
20,000 and over	5	11.90	100.00

HOW MANY PEOPLE DOES THIS YEARLY INCOME SUPPORT?

Number	Frequency	Percent	Cum-Percent
1	14	33.33	33.33
2	13	30.95	64.28
3	5	11.90	76.18
4	6	14.30	90.48
More than 4	4	9.52	100.00

FINANCIAL AID SUPPORT

	Frequency	Percent	Cum-Percent
None	29	69.06	69.06
General Relief	5	11.90	80.96
Social Security	2	4.76	85.72
Government Pension	1	2.38	88.10
Other	5	11.90	100.00

WHO REFERRED YOU TO PRETERM?

	Frequency	Percent	Cum-Percent
Kaiser	4	9.52	9.52
Group Health Plan of N.E. Ohio	1	2.38	11.90
Doctor	6	14.29	26.19
Family Planning Agency	6	14.29	40.48
Health Department	1	2.38	42.86
Friend or Relative	18	42.86	85.72
Telephone Book	2	4.76	90.48
Radio	3	7.14	97.62
Newspaper	1	2.38	100.00

TYPE OF BIRTH CONTROL BEING USED WHEN YOU BECAME PREGNANT?

	Frequency	Percent	Cum-Percent
Pill	4	9.52	9.52
IUD	1	2.38	11.90
Diaphragm	3	7.14	19.04
Foam	2	4.76	23.80
Condom	5	11.90	35.70
Withdrawal of Penis	2	4.76	40.46
Rhythm Method	4	9.52	49.98
None	20	47.64	97.62
Foam and Condom	1	2.38	100.00

TYPE OF BIRTH CONTROL YOU PLAN TO USE AFTER THE ABORTION?

	Frequency	Percent	Cum-Percent
Sterilization	6	14.29	14.29
Pill	25	59.53	73.82
IUD	3	7.14	80.96
Diaphragm	4	9.52	90.48
Condoms	3	7.14	97.62
Foam and Condom	1	2.38	100.00

DO YOU BELIEVE THE ABORTION PROCEDURE SHOULD BE LEGAL IN THE U.S. FOR ALL WOMEN?

	Frequency	Percent	Cum-Percent
Yes	42	100.00	100.00

EXPERIMENTAL (PRE ONLY GROUP)

Age Group 1-(12-19)
N=11

AGE

Age	Frequency	Percent	Cum-Percent
16	3	27.27	27.27
17	4	36.36	63.63
18	3	27.27	90.90
19	1	9.10	100.00

MARITAL STATUS

	Frequency	Percent	Cum-Percent
Never Married	11	100.00	100.00

HOW MANY TIMES HAVE YOU BEEN PREGNANT?

Number	Frequency	Percent	Cum-Percent
None	2	18.18	18.18
1	5	45.45	63.63
2	3	27.27	90.90
More than 3	1	9.10	100.00

AGE AT FIRST PREGNANCY

Number	Frequency	Percent	Cum-Percent
No Answer	2	18.1815	18.1815
13	1	9.0910	27.2725
14	1	9.0910	36.3635
16	3	27.2730	63.6365
17	2	18.1815	81.8180
18	1	9.0910	90.9090
19	1	9.0910	100.0000

BIRTHS

Number	Frequency	Percent	Cum-Percent
None	10	90.91	90.91
2	1	9.09	100.00

PRIOR ABORTIONS

Number	Frequency	Percent	Cum-Percent
None	4	36.36	36.36
1	5	45.46	81.82
2	2	18.18	100.00

NUMBER OF MISCARRIAGES AND SPONTANEOUS ABORTIONS

Number	Frequency	Percent	Cum-Percent
None	10	90.91	90.91
1	1	9.09	100.00

ETHNICITY

Group	Frequency	Percent	Cum-Percent
White	7	63.64	63.64
Black	4	36.36	100.00

EDUCATION

Completed	Frequency	Percent	Cum-Percent
Grades: 10-11	6	54.55	54.55
12 or GED	2	18.18	72.73
Vocational School	1	9.09	81.82
College: 1-3 years	2	18.18	100.00

PAST RELIGIOUS UPBRINGING

	Frequency	Percent	Cum-Percent
Catholic	5	45.46	45.46
Protestant	3	27.27	72.73
Other	3	27.27	100.00

PRESENT RELIGIOUS PREFERENCE

	Frequency	Percent	Cum-Percent
Catholic	5	45.46	45.46
Protestant	3	27.27	72.73
Other	3	27.27	100.00

PRESENT ANNUAL INCOME

	Frequency	Percent	Cum-Percent
$0-4,999	7	63.64	63.64
5,000-9,999	2	18.18	81.82
10,000-14,999	2	18.18	100.00

HOW MANY PEOPLE DOES THIS YEARLY INCOME SUPPORT?

	Frequency	Percent	Cum-Percent
1	6	54.55	54.55
2	2	18.18	72.73
3	1	9.09	81.82
4	1	9.09	90.91
More than 4	1	9.09	100.00

FINANCIAL AID SUPPORT

	Frequency	Percent	Cum-Percent
None	5	45.46	45.46
Aid to Dependent Children	2	18.18	63.64
General Relief	1	9.09	72.73
Social Security	1	9.09	81.82
Student Government Loan	1	9.09	90.91
Other	1	9.09	100.00

WHO REFERRED YOU TO PRETERM?

	Frequency	Percent	Cum-Percent
Kaiser	1	9.09	9.09
Doctor	3	27.27	36.36
Family Planning Agency	3	27.27	63.63
Friend or Relative	4	36.37	100.00

TYPE OF BIRTH CONTROL USED WHEN YOU BECAME PREGNANT?

	Frequency	Percent	Cum-Percent
Pill	3	27.27	27.27
Foam	1	9.09	36.36
Rhythm Method	2	18.18	54.54
None	5	45.46	100.00

TYPE OF BIRTH CONTROL YOU PLAN TO USE AFTER THE ABORTION?

	Frequency	Percent	Cum-Percent
Pill	9	81.82	81.82
Diagragm	1	9.09	90.91
Condom	1	9.09	100.00

DO YOU BELIEVE THE BIRTH CONTROL PROCEDURE SHOULD BE LEGAL IN THE U.S. FOR ALL WOMEN?

	Frequency	Percent	Cum-Percent
Yes	11	100.00	100.00

EXPERIMENTAL (PRE ONLY GROUP)

Age Group 2 (20-29)
N=19

AGE

Age	Frequency	Percent	Cum-Percent
20	4	21.050	21.050
22	3	15.795	36.845
23	2	10.525	47.370
24	1	5.260	52.630
25	3	15.795	68.425
26	1	5.260	73.685
27	2	10.525	84.210
28	3	15.790	100.000

MARITAL STATUS

	Frequency	Percent	Cum-Percent
Married	2	10.53	10.53
Separated	1	5.26	15.79
Divorced	3	15.79	31.58
Never Married	13	68.42	100.00

HOW MANY TIMES HAVE YOU BEEN PREGNANT?

	Frequency	Percent	Cum-Percent
None	4	21.05	21.05
1	5	26.32	47.37
2	2	10.53	57.90
3	4	21.05	78.95
More than 3	4	21.05	100.00

AGE AT FIRST PREGNANCY?

Age	Frequency	Percent	Cum-Percent
No Answer	5	26.32	26.32
14	1	5.26	31.58
17	3	15.79	47.37
18	1	5.26	52.63
20	4	21.05	73.68
21	2	10.53	84.21
22	2	10.53	94.74
23	1	5.26	100.00

BIRTHS

Number	Frequency	Percent	Cum-Percent
None	7	36.84	36.84
1	9	47.37	84.21
2	2	10.53	94.74
4	1	5.26	100.00

PRIOR ABORTIONS

Number	Frequency	Percent	Cum-Percent
None	12	63.16	63.16
1	4	21.05	84.21
2	1	5.26	89.47
3	2	10.53	100.00

NUMBER OF MISCARRIAGES AND SPONTANEOUS ABORTIONS

Number	Frequency	Percent	Cum-Percent
None	18	94.74	94.74
1	1	5.26	100.00

ETHNICITY

Group	Frequency	Percent	Cum-Percent
White	15	78.95	78.95
Black	4	21.05	100.00

EDUCATION

Completed	Frequency	Percent	Cum-Percent
12 or GED	10	52.64	52.64
Vocational School	1	5.26	57.90
College: 1-3 years	7	36.84	94.74
Over 4 years college	1	5.26	100.00

PAST RELIGIOUS UPBRINGING

	Frequency	Percent	Cum-Percent
Catholic	8	42.105	42.105
Protestant	8	42.105	84.210
Other	2	10.530	94.740
None	1	5.260	100.000

PRESENT RELIGIOUS PREFERENCE

	Frequency	Percent	Cum-Percent
Catholic	7	36.84	36.84
Protestant	7	36.84	73.68
Other	3	15.79	89.47
None	2	10.53	100.00

PRESENT ANNUAL INCOME

	Frequency	Percent	Cum-Percent
$0-4,999	4	21.050	21.050
5,000-9,999	3	15.790	36.840
10,000-14,999	8	42.110	78.950
15,000-19,999	2	10.525	89.475
20,000 and over	2	10.525	100.000

HOW MANY PEOPLE DOES THIS YEARLY INCOME SUPPORT?

Number	Frequency	Percent	Cum-Percent
1	7	36.84	36.84
2	7	36.84	73.68
3	3	15.79	89.47
4	2	10.53	100.00

FINANCIAL AID SUPPORT

	Frequency	Percent	Cum-Percent
None	15	78.95	78.95
Aid to Dependent Children	1	5.26	84.21
General Relief	1	5.26	89.47
Other	2	10.53	100.00

WHO REFERRED YOU TO PRETERM?

	Frequency	Percent	Cum-Percent
Family Planning Agency	2	10.53	10.53
Health Department	1	5.26	15.79
Friend or Relative	11	57.89	73.68
Telephone Book	2	10.53	84.21
Radio	3	15.79	100.00

TYPE OF BIRTH CONTROL BEING USED WHEN YOU BECAME PREGNANT?

	Frequency	Percent	Cum-Percent
Pill	1	5.26	5.26
IUD	1	5.26	10.52
Diaphragm	3	15.79	26.31
Condom	2	10.53	36.84
Withdrawal of Penis	2	10.53	47.37
Rhythm Method	1	5.26	52.63
None	9	47.37	100.00

TYPE OF BIRTH CONTROL YOU PLAN ON USING AFTER THE ABORTION?

	Frequency	Percent	Cum-Percent
Sterilization	1	5.26	5.26
Pill	14	73.69	78.95
IUD	1	5.26	84.21
Diaphragm	1	5.26	89.47
Condom	2	10.53	100.00

DO YOU BELIEVE THE ABORTION PROCEDURE SHOULD BE LEGAL IN THE U.S. FOR ALL WOMEN?

	Frequency	Percent	Cum-Percent
Yes	19	100.00	100.00

EXPERIMENTAL (PRE ONLY GROUP)

Age Group 3 (30 and over)
N=12

AGE

Age	Frequency	Percent	Cum-Percent
30	5	41.68	41.68
31	1	8.33	50.01
35	2	16.67	66.68
36	1	8.33	75.01
37	1	8.33	83.34
38	1	8.33	91.67
40	1	8.33	100.00

MARITAL STATUS

	Frequency	Percent	Cum-Percent
Married	4	33.32	33.32
Widowed	1	8.33	41.65
Separated	2	16.67	58.32
Divorced	5	41.68	100.00

HOW MANY TIMES HAVE YOU BEEN PREGNANT?

Number	Frequency	Percent	Cum-Percent
2	3	25.00	25.00
3	6	50.00	75.00
More than 3	3	25.00	100.00

AGE AT FIRST PREGNANCY

Age	Frequency	Percent	Cum-Percent
No Answer	2	16.67	16.67
17	2	16.67	33.34
21	2	16.67	50.01
22	1	8.33...	58.34
23	1	8.33...	66.67
24	1	8.33...	75.00
25	1	8.33...	83.33
27	1	8.33...	91.66
29	1	8.33...	100.00

BIRTHS

Number	Frequency	Percent	Cum-Percent
1	6	50.000	50.000
2	2	16.666...	66.666
3	2	16.666...	83.332
More than 4	2	16.666...	100.000

*(Rounding)

PRIOR ABORTIONS

Number	Frequency	Percent	Cum-Percent
None	5	41.67	41.67
1	7	58.33	100.00

NUMBER OF MISCARRIAGES AND SPONTANEOUS ABORTIONS

Number	Frequency	Percent	Cum-Percent
None	9	75.00	75.00
2	2	16.67	91.67
3	1	8.33	100.00

ETHNICITY

Group	Frequency	Percent	Cum-Percent
White	9	75.00	75.00
Black	3	25.00	100.00

EDUCATION

Completed	Frequency	Percent	Cum-Percent
12 or GED	7	58.33	58.33
College: 1-3 years	3	25.00	83.33
Over 4 years college	2	16.67	100.00

PAST RELIGIOUS UPBRINGING

	Frequency	Percent	Cum-Percent
Catholic	6	50.00	50.00
Protestant	6	50.00	100.00

PRESENT RELIGIOUS PREFERENCE

	Frequency	Percent	Cum-Percent
Catholic	4	33.33...	33.33
Protestant	4	33.33...	66.66
None	4	33.33...	100.00

*(Rounding)

PRESENT ANNUAL INCOME

	Frequency	Percent	Cum-Percent
$5,000-9,999	2	16.66	16.66
10,000-14,999	5	41.68	58.34
15,000-19,999	2	16.66	75.00
20,000 and over	3	25.00	100.00

HOW MANY PEOPLE DOES THIS INCOME SUPPORT?

Number	Frequency	Percent	Cum-Percent
1	1	8.33	8.33
2	4	33.34	41.67
3	1	8.33	50.00
4	3	25.00	75.00
More than 4	3	25.00	100.00

FINANCIAL AID SUPPORT

	Frequency	Percent	Cum-Percent
None	9	75.00	75.00
Aid to Dependent Children	2	16.67	91.67
Other	1	8.33	100.00

WHO REFERRED YOU TO PRETERM?

	Frequency	Percent	Cum-Percent
Kaiser	3	25.00	25.00
N.E. Ohio	1	8.33...	33.33
Doctor	3	25.00	58.33
Family Planning Agency	1	8.33...	66.66
Friend or Relative	3	25.00	91.66
Newspaper	1	8.33...	100.00

*(Rounding)

TYPE OF BIRTH CONTROL BEING USED WHEN YOU BECAME PREGNANT?

	Frequency	Percent	Cum-Percent
Foam	1	8.33...	8.33
Condom	3	25.00	33.33
Rhythm Method	1	8.33...	41.66
None	6	50.00	91.66
Foam and Condom	1	8.33...	100.00

*(Rounding)

TYPE OF BIRTH CONTROL YOU PLAN ON USING AFTER THE ABORTION?

	Frequency	Percent	Cum-Percent
Sterilization	5	41.67	41.67
Pill	2	16.67	58.34
IUD	2	16.67	75.01
Diaphragm	2	16.67	91.68
Foam and Condom	1	8.33	100.00

DO YOU BELIEVE THE ABORTION PROCEDURE SHOULD BE LEGAL IN THE U.S. FOR ALL WOMEN?

	Frequency	Percent	Cum-Percent
Yes	12	100.00	100.00

II. STATISTICAL ANALYSIS

I. HYPOTHESIS ONE: There is a significant difference in the self concept of teenage women before and after the therapeutic abortion.

This analysis compared the pre and post scores of the Experimental Age Group 12-19 who were matched. The statistical procedure employed was the Wilcoxon Matched-Pairs-Signed Ranks Test at the .05 level of significance.

PRE-POST COMPARISON

Age Group - 12- 19 years old N=17

TSCS Variables	T	
Total Positive	35.50	
Self Criticism	70.00	
Identity	57.00	
Self Satisfaction	32.16	pre mean = 98.647
		post mean = 104.058
Behavior	48.50	
Physical Self	66.50	
Moral-Ethical Self	48.50	
Personal Self	57.00	
Family Self	32.00	pre mean = 58.882
		post mean = 62.235
Social Self	54.50	

RESULTS: Analysis indicated no significant difference on the TSCS except for the Self Satisfaction and Family Self variables. When looking at the scoring profile sheet of the TSCS the following interpretations occurred.

1) Although the Self Satisfaction variable indicated a significant statisical difference between pre and post scores, both of these scores fall within normal range on the TSCS profile.

2) The pre score of the Family Self variable indicated an abnormality on the TSCS profile sheet but the post score showed an improvement whereby this variable of the self concept was normal one month after the abortion procedure.

II. HYPOTHESIS TWO: There is a significant difference in the self concept of teenage women compared to women ages 20-29 and 30 years old and over who chose to abort.

These data analyses utilized the dependent statistical procedure to look at pre, post and the difference of pre-post scores by age groups 12-19, 20-39 and 30 years old and over.

PRE SCORE COMPARISON BY AGE GROUPS N=48
EXPERIMENTAL MATCHED

		Age Group Means		
VARIABLES	PR F	(12-19)	(20-29)	(30 and over)
Total Positive	.0032**	315.4	346.3	363.8
Self Criticism	.3537			
Identity	.1453			
Self Satisfaction	.0358*	98.6	110.4	116.2
Behavior	.0063**	100.1	111.0	116.1
Physical Self	.7717			
Moral Ethical Self	.0127*	65.3	69.8	75.1
Personal Self	.1711			
Family Self	.0018**	58.8	69.5	72.4
Social Self	.0225*	64.8	69.4	74.3

---

*p < .05 **p < .01

RESULTS:

(A) Pre Score Comparisons by Age Groups

1. NO SIGNIFICANT DIFFERENCE IN VARIABLES:

   Self criticism
   Identity
   Physical Self
   Personal Self

2. A SIGNIFICANT DIFFERENCE IN VARIABLES:

   Total Positive
   Self Satisfaction
   Behavior
   Moral-Ethical Self
   Family Self
   Social Self

TOTAL POSITIVE VARIABLE

By employing the TSCS profile sheet a strong difference was implied. Teenage women's (ages 12-19) scores on this variable indicated to be on the borderline between normal and abnormal (MEAN-315) this indicating a potential problem with their Total Positive. The other two groups ages 20-29 (MEAN=346) and 30 years and over (MEAN=364) were in the range of normalcy. The 30 year old and over group seemed to have the most positive self concept concerning this variable. It should also be indicated that in the Post-score of the TSCS for teenage women on the variable there was normalcy. TOTAL POSITIVE (MEAN=329.8)

SELF SATISFACTION VARIABLE

The TSCS profile sheet indicated all mean scores for each age group was in the normal range. However, it should be noted as there was an increase in age group there was also a more positive satisfaction of self.

BEHAVIOR VARIABLE

The TSCS profile sheet indicated teenage women showed a negative behavior concerning their self concept but the other two groups fell within the normal range. The Post Behavior variable scores of teenage women also indicated a level of negativety concerning this component (MEAN=104.0).

MORAL-ETHNICAL SELF VARIABLE

The TSCS profile sheet indicated a normal self concept concerning the Moral-Ethnical Self in all three age groups.

FAMILY SELF

Employing the TSCS profile sheet indicated teenage women had a negative self concept concerning their FAMILY SELF but the age groups 20-29 and 30 years old and over were positive. However, it should be noted that the FAMILY SELF variable in teenage women was portrayed as positive in the past score analysis (MEAN=62.2)

SOCIAL SELF VARIABLE

A positive self concept concerning the Social Self variable was indicated by all three age groups when using the TSCS profile sheet for analysis.

B. POST SCORES COMPARISONS BY AGE GROUPS N=48

VARIABLES	PR F	Age Group Means (12-19)	(20-29)	(30 and over)
Total Positive	.1370			
Self Criticism	.1438			
Identity	.3915			
Self Satisfaction	.3254			
Behavior	.0220*	104.0	111.4	120.5
Physical Self	.8022			
Moral-Ethical Self	.0063**	65.5	69.7	78.1
Personal Self	.5092			
Family Self	.0243*	62.2	69.0	74.6
Social Self	.3120			

*p< .05, **p< .01

1. No Significant Difference in Variable:

Total Positive	Physical Self
Self Criticism	Personal Self
Identity	Social Self
Self Satisfaction	

2. A Significant Difference in Variables:

Behavior
Moral-Ethical
Family Self

BEHAVIOR VARIABLE

The TSCS profile sheet indicated all three age groups display a positive Behavior of the self concept.

MORAL-ETHICAL VARIABLE

The TSCS profile sheet indicated all three age groups display a normal positive Moral-Ethical Self.

FAMILY SELF VARIABLE

The TSCS profile sheet indicated all three age groups displayed a normal positive Family Self.

Therefore, it should be indicated that the statistically analysis did show differences on the above variable but when viewing the profile sheet of the TSCS all variables appeared to be normal for all age groups.

C. DIFFERENCES IN PRE AND POST SCORES BY AGE GROUPS

There was no significant difference in the scores by age group.

N=48

VARIABLES	PR > F
Total Positive	.2587
Self Criticism	.4898
Identity	.8993
Self Satisfaction	.2992
Behavior	.6524
Physical Self	.9761
Moral-Ethical Self	.5898
Personal Self	.7116
Family Self	.3319
Social Self	.2326

p .05

III. HYPOTHESIS THREE: There is a significant difference in the self concept before and after abortion in women ages 20-29.

The statistical analysis of this hypothesis utilized the Wilcoxon Matched-Pairs-Signed Ranks Test at the .05 level of significance.

PRE-POST COMPARISON - EXPERIMENTAL MATCHED

AGE GROUP = 20-29 N=23

(TSCS VARIABLES)	≤ T	
Total Positive	123.0	
Self Criticism	65.5*	(Pre-mean=34.17, Post-mean=35.82)
Identity	128.5	
Self Satisfaction	120.0	
Behavior	88.0	
Physical Self	125.5	
Moral-Ethical Self	118.5	
Personal Self	134.0	
Family Self	154.5	
Social Self	133.5	

*p < .05= 73

RESULTS: There was no significant difference in the pre and post scores of all variable except one. The Self Criticism of self concept indicated a difference. However, viewing the TSCS Profile Sheet and comparing the pre and post scores there indicated that the Self Criticism variable was within the positive range of the self concept.

IV. HYPOTHESIS FOUR: There is a significant difference in the self concept before and after abortion in women ages 30 and over.

The Wilcoxon-Matched-Pairs-Signed-Rank Test was the statistical procedure utilized at the .05 level of significance.

PRE-POST COMPARISON N=8
EXPERIMENTAL MATCHED
AGE GROUP = 30 and over

(TSCS VARIABLES)	≤ T
Total Positive	19.0
Self Criticism	14.0
Identity	10.0
Self Satisfaction	13.5
Behavior	15.0
Physical Self	16.5
Moral-Ethical Self	9.0
Personal Self	16.0
Family Self	12.0
Social Self	9.5

$p \leq .05 = 4$

V. HYPOTHESIS FIVE: There is a significant difference in women who chose therapeutic abortion compared to women who are sexually active but have never experienced therapeutic abortion.

This analysis utilized the Analysis of Variance statistical procedure at the .05 level of significance.

MATCHED-EXPERIMENTAL GROUP COMPARED TO CONTROL GROUP N=93

TSCS VARIABLES	PR > F	MEANS Exp.	Control
Total Positive	.2546		
Self Criticism	.4385		
Identity	.1068		
Self Satisfaction	.8965		
Behavior	.4694		
Physical Self	.7156		
Moral-Ethical Self	.1384		
Personal Self	.9101		
Family Self	.0343*	66.22	70.14
Social Self	.9767		

*p ≤ .05

RESULTS: The results indicated there was no significant difference in all of the TSCS variable except one (Family Self) when comparing the women aborters and the sexually active women who have never experienced abortion. When viewing the Family Self variable on the TSCS profile sheet borth group indicated a positive Family Self with the non-aborters (Control) having a slightly higher score than the aborters (Experimental). Also, an analysis was made by Experimental versus Control groups according to the Age Groups 12-19, 20-29 and 30 years and over. It was indicated there was no significant difference between the women who abort compared to non-abortive women when looking at Age.

MATCHED-EXPERIMENT COMPARED TO CONTROL BY AGE GROUPS

Age Group 1	(12-19)	N=34
Age Group 2	(20-29)	N=46
Age Group 3	(30 and over)	N=16

TSCS VARIABLES	PR > F
Total Positive	.0552
Self Criticism	.6487
Identity	.1841
Self Satisfaction	.1776
Behavior	.2378
Physical Self	.6721
Moral-Ethical Self	.4406
Personal Self	.5609
Family Self	.0975
Social Self	.1794

$p < .05$

Results: No significant difference in comparisons by age groups.

VI. HYPOTHESIS SIX: There is a significant difference in the self concept of women before and after the abortion procedure.

A dependent t test analysis at the .05 level of significance indicated there was nosignificant difference in the self concept of women before and after the therapeutic abortion.

EXPERIMENTAL GROUP - PRE-POST COMPARISON N=75

TSCS VARIABLES	PR > F
Total Positive	.6534
Self Criticism	.8211
Identity	.4819
Self Satisfaction	.7975
Behavior	.4796
Physical Self	.7342
Moral Ethical Self	.4221
Personal Self	.8685
Family Self	.5241
Social Self	.2426

$p < .05$

EXPERIMENTAL GROUP - PRE-POST COMPARISON BY AGE GROUP N=75

TSCS VARIABLES	PR > F
Total Positive	.1582
Self Criticism	.0680
Identity	.3621
Self Satisfaction	.1081
Behavior	.7947
Physical Self	.9277
Moral-Ethical Self	.8664
Personal Self	.8687
Family Self	.1996
Social Self	.1241

$p < .05$

Examining the differences of pre-post scores of women aborters by individual age groups also indicated no significant difference. For this analysis the Analysis of Variance statistical procedure at the .05 level of significance was employed.

VII. HYPOTHESIS SEVEN: There is a significant difference in the self concept of women aborters who completed the pre-post questionnaires compared to women aborters who completed only the pre questionnaires of the TSCS.

TSCS VARIABLES	PR > F
Total Positive	.6710
Self Criticism	.4120
Identity	.5641
Self Satisfaction	.6437
Behavior	.4886
Physical Self	.7863
Moral-Ethical Self	.8763
Personal Self	.8044
Family Self	.6127
Social Self	.6879

$p < .05$

MATCHED EXPERIMENTAL PRE-POST COMPARISONS

AGE GROUP 1 (12-19)

	MEAN SCORES	
	Pre ----	Post ———
Total Positive	315.4	329.8
Self Criticism	33.7	33.6
Identity	121.3	121.7
Self Satisfaction	98.6	104.0
Behavior	100.1	104.0
Physical Self	68.2	68.7
Moral-Ethical Self	65.2	65.4
Personal Self	63.9	65.1
Family Self	58.8	62.2
Social Self	64.8	65.7

Summary:

In the self concept pre scores, the age group of 12 to 19 years old indicated normality in all variables except the Total Positive, Behavior and Family Self. The Total Positive and Behavior variable were shown to be on a borderline between a positve and negative self concept. The Family Self clearly indicated a negative self concept in this area.

The post scores of the ten variable measured concerning the self concept proved to be positive and within the range of normal.

Comparing the pre and post scores according to the TSCS profile sheet, it should be noted that all variable improved or remained stable. This supports the idea that abortion in teenage women (ages 12-19) cannot be assumed to be a negative life experience on the self concept.

Tennessee Self Concept Scale

MATCHED EXPERIMENTAL PRE-POST COMPARISONS PROFILE SHEET

AGE GROUP 1 (12-19) N= 17

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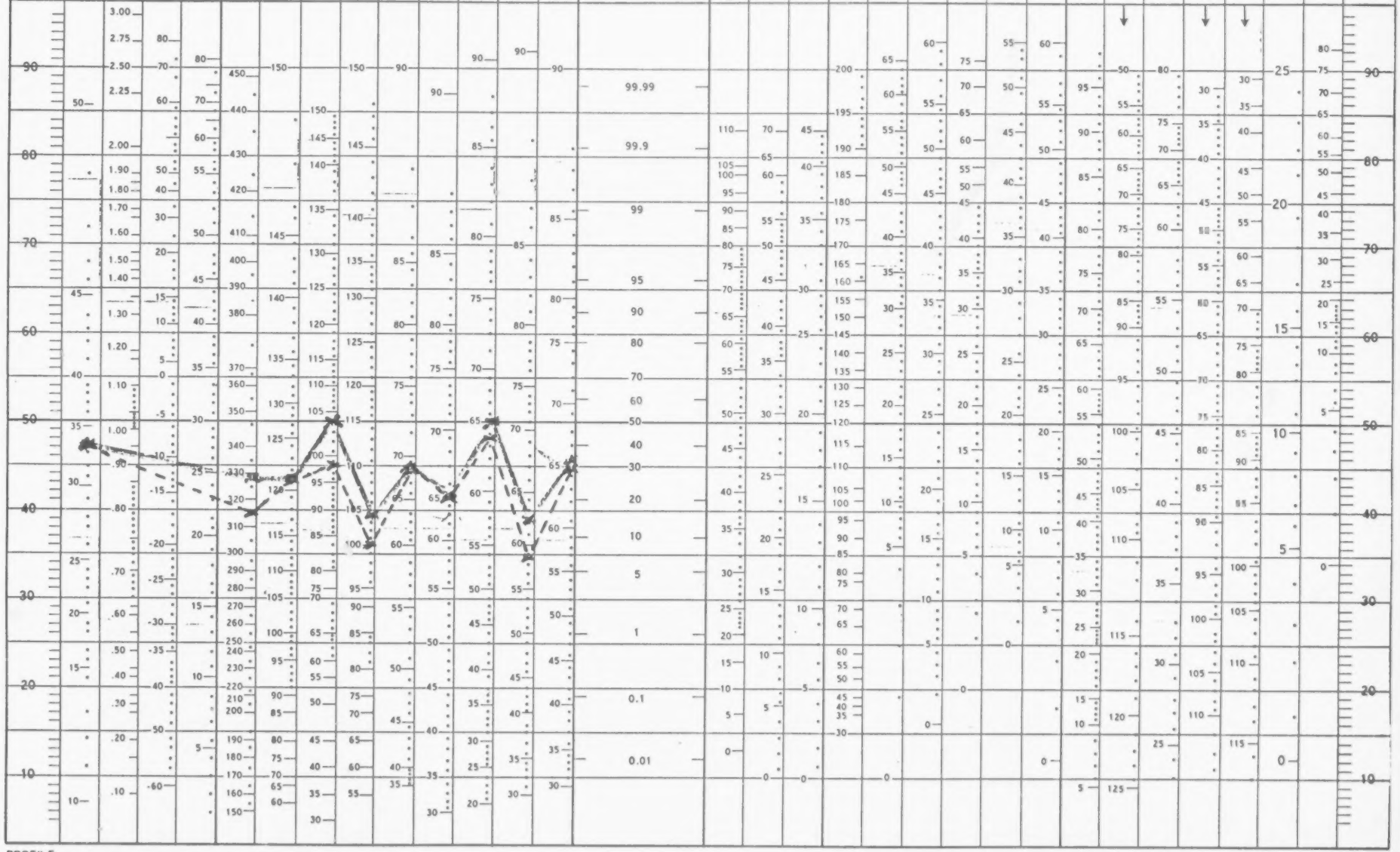
NAME | SCHOOL GRADE | SEX M F | AGE | DATE | TOTAL TIME



PROFILE LIMITS

UP	16		29	44	14	11	24	13	17	16	24	11	17		8	14	39	6	34	19	24	34	14	29	14	22	9		19		
DOWN	29		24	17	9	24	15	12	17	12	24	20	49		5	29	12	10	24	29	18	39	17	34	21	17	14				

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MATCHED EXPERIMENTAL PRE-POST COMPARISONS

Age Group 2 (20-29) N=23

MEAN SCORES

	Pre	Post
Total Positive	346.3	345.0
Self Criticism	34.1	35.8
Identity	124.8	125.2
Self Satisfaction	110.3	109.5
Behavior	111.0	111.4
Physical Self	69.0	69.7
Moral Ethical Self	69.7	69.7
Personal Self	68.7	68.4
Family Self	69.5	69.0
Social Self	69.3	69.7

Summary:

In the age group of 20-29 year old subjects, the pre and post scores of the ten variables utilized to measure the self concept did not substantially deviate. All scores fell within the range of a positive self concept. Therefore, it is suggested that the treatment (abortion procedure) on this experimental group was not a negative experience on the self concept.

MATCHED EXPERIMENTAL PRE-POST COMPARISONS

Tennessee Self Concept Scale AGE GROUP 2 (20-29) PROFILE SHEET N= 23

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NAME | SCHOOL GRADE | SEX M F | AGE | DATE | TOTAL TIME

T SCORE | SELF CRITICISM | T/F | CONFLICT: NET, TOTAL | TOTAL | POSITIVE SCORES: ROW 1 2 3, COLUMN A B C D E | PERCENTILE SCORES | VARIABILITY: TOTAL, COL. TOT., ROW TOT. | DISTRIBUTION: D 5 4 3 2 1 | EMPIRICAL SCALES: DP GM PSY PD N PI | NDS | T SCORE

PROFILE LIMITS

UP	16	7	29	44	14	11	24	13	17	16	24	11	17		8	14	39	6	34	19	24	34	14	29	14	22	9	-	19			
DOWN	29	9	24	17	9	24	15	12	17	12	24	20	49		5	29	12	10	24	29	18	39	17	34	21	17	14	15	-			

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MATCHED EXPERIMENTAL PRE-POST COMPARISONS

Age Group = 3 (30 and over) N=8

MEAN SCORES

	Pre	Post
Total Positive	363.8	364.2
Self Criticism	31.3	32.1
Identity	131.5	130.1
Self Satisfaction	116.2	113.6
Behavior	116.1	120.5
Physical Self	70.7	70.8
Moral-Ethical Self	75.1	78.1
Personal Self	70.7	69.3
Family Self	72.3	74.6
Social Self	74.2	70.3

Summary:

The women who were in the age group of 30 and over indicated a positive self concept on both the pre and post scores. It should be recognized that difference toward a higher score on the variables Behavior, Moral-Ethical Self and Family Self occurred. Also, the Identity, Personal Self and Social Self indicated a slight decline. However, it should be noted all scores (pre-post) were in a range of a positive self concept. Therefore, extraneous, unmeasurable variables could reflect the slight difference in pre-post scores.

MATCHED EXPERIMENTAL PRE-POST COMPARISONS

Tennessee Self Concept Scale

PROFILE SHEET

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AGE GROUP 3 (30 and over) N= 8

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NAME | SCHOOL GRADE | SEX M F | AGE | DATE | TOTAL TIME

T SCORE	SELF CRITICISM	T/F	CONFLICT NET	CONFLICT TOTAL	TOTAL	POSITIVE SCORES ROW 1	ROW 2	ROW 3	COLUMN A	COLUMN B	COLUMN C	COLUMN D	COLUMN E	PERCENTILE SCORES	VARIABILITY TOTAL	VAR. COL. TOT.	VAR. ROW TOT.	DISTRIBUTION D	5	4	3	2	1	EMPIRICAL SCALES DP	GM	PSY	PD	N	PI	NDS	T SCORE
90	50	3.00 / 2.75 / 2.50 / 2.25	80 / 70 / 60	80 / 70	450 / 440	150	150	150	90	90	90	90	90	99.99				200 / 195	65	60	75	55 / 50	60 / 55	95	50 / 55	80	30	30 / 35	25	80 / 75 / 70 / 65	90
80		2.00	50 / 40	60 / 55	430 / 420	145	150 / 140	145		90	85			99.9	110 / 105 / 100 / 95	70 / 65 / 60	45 / 40	190 / 185	55 / 50	50 / 45	60	45 / 40	50	90	60	75 / 70	35	40		60 / 55	80
70		1.70 / 1.60	30	50	410	145	135 / 140	140			80	85	85	99	90 / 85 / 80	55	35	180 / 175 / 170	40	40	45	35	45	80	75	60	50	55	20	40 / 35	70
60	45	1.50 / 1.40 / 1.30	20 / 15 / 10	45 / 40	400 / 390 / 380	140	130 / 125 / 120	135 / 130	85 / 80	85 / 80	75	80	80	95 / 90	75 / 70 / 65	45	30	165 / 160 / 155 / 150 / 145	35	35	35	30	35	70	85 / 80 / 90	55	60 / 65	70	15	30 / 25 / 20 / 15	60
50	40	1.20 / 1.10 / 1.00 / .90	5 / 0 / -5 / -10	35 / 30	370 / 360 / 350 / 340	135 / 130 / 125	115 / 110 / 105 / 100	125 / 120 / 115 / 110	75 / 70	75 / 70	70 / 65	75 / 70	75 / 70	80 / 70 / 60 / 50 / 40 / 30	60 / 55 / 50	35 / 30	20	140 / 135 / 130 / 125 / 120	25	30	25	25	20	65 / 60 / 55	95	50	70	75 / 80		10	50
40	35	.80	-15	25	330 / 320	120	95 / 90	105	65	65	60	65	70 / 65	20	40	25 / 15		115 / 110 / 105 / 100	15 / 10	20	15	15	15	45	105	40	85	95	10		40
30	25	.70	-20 / -25	20	310 / 300 / 290 / 280	115	85 / 80 / 75	100 / 95	60	60	55	60	60	10	35	20		95 / 90 / 85 / 80 / 75	5	15	5	10	10	40 / 35 / 30	110	90			5	0	30
20	20	.60	-30	15	270 / 260 / 250	110 / 105 / 100	70 / 65	90 / 85	55	55	50	55	55	5	30	15		70 / 65		10		5		25	115		35	95	100			20
10	15	.50 / .40	-35 / -40	10	240 / 230 / 220	95	60 / 55	80	50	45	40	45	45	1	25 / 20	10	5	60 / 55 / 50		5		0		20		30	100	105			10
		.30	-50		210 / 200	90 / 85	50	75 / 70	45	40	35	40	40	0.1	15 / 10 / 5	5		45 / 40 / 35		0				15 / 10	120		110				
		.20		5	190 / 180 / 170	80 / 75 / 70	45 / 40	65 / 60	40	35	30 / 25	35	35	0.01	0	0	0	30	0		0		0			25		115	0		0
	10	.10	-60		160 / 150	65 / 60	35 / 30	55	35	30	20	30	30											5	125						

PROFILE LIMITS																															
	UP	16	7	29	44	14	11	24	13	17	16	24	11	17	8	14	39	6	34	19	24	34	14	29	14	22	9	-	19		
	DOWN	29	9	24	17	9	24	15	12	17	12	24	20	49	5	29	12	10	24	29	18	39	17	34	21	17	14	15	-		

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MATCHED EXPERIMENTAL CONTROL COMPARISONS

Age Group 1 (12-19)

MEAN SCORES N=34

	Experimental	Control
Total Positive	315.4	342.3
Self Criticism	33.7	34.0
Identity	121.3	129.7
Self Satisfaction	98.6	105.8
Behavior	100.1	106.8
Physical Self	68.2	69.4
Moral-Ethical Self	65.2	69.5
Personal Self	63.9	66.5
Family Self	58.8	68.1
Social Self	64.8	67.7

Summary: According to the TSCS profile, the pre score comparison of Experimental to Control in ages 12-19 indicated the Control group as having a greater positive self concept also, it must be noted that the Experimental group displayed measures of a positive self concept. The only variables of the self concept which might be questionable in the Experimental group include the Total Positive, Self Satisfaction and Family Self. However, in the pre-post scores analyses of the Experimental Group there is indication that these variables show improvements whereby a total positive self concept occurs at post score analysis. Refer to pages 77-78.

MATCHED EXPERIMENTAL CONTROL COMPARISONS

Tennessee Self Concept Scale

PROFILE SHEET

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AGE GROUP 1 (12--19)

N= 34

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NAME | SCHOOL GRADE | SEX M F | AGE | DATE | TOTAL TIME

T SCORE	SELF CRITICISM	T/F	CONFLICT NET	CONFLICT TOTAL	TOTAL	POSITIVE SCORES ROW 1	ROW 2	ROW 3	COLUMN A	COLUMN B	COLUMN C	COLUMN D	COLUMN E	PERCENTILE SCORES	VARIABILITY TOTAL	VARIABILITY COL. TOT.	VARIABILITY ROW TOT.	DISTRIBUTION D	5	4	3	2	1	EMPIRICAL SCALES DP	GM	PSY	PD	N	PI	NDS	T SCORE
90		3.00	80			150		150	90		90	90	90					200	65	60	75	55	60		50	80		30	25	80	90
	50	2.75			450					90				99.99															75	
		2.50	70	80			150				90								60										70	
		2.25	60	70	440													195		55		50							65	
80		2.00		60			145	145			85			99.9	110	70	45		55		60	45		90	60	75	35	40		60	80
					430											65		190		50			50		70				55	
		1.90	50	55			140								105				50		55								50	
		1.80	40		420										100	60	40	185		45	50	40		85	65		65	45	20	45	
70		1.70	30			135		140					85	99	95				50		55		45			70				40	70
		1.60		50	410	145					80				90	55	35	180		45	50			80	75		50	55		35	
		1.50	20		400		130	135	85	85		85			85			175	40		45	40	45			60				30	
		1.40		45	390		125							95	80	50		170		40		35	40		75		55			25	
60	45	1.30	15		380	140		130	80	80	75	80	80	90	75	45	30	165	35		35			70	80		60	70	15	20	60
			10	40			120								70			160		30		30	35		90	55				15	
		1.20	5		370	135	115	125	75	75	70	75	75	80	65	40	25	155	30	35	30			75	85		60	70		10	
	40		0	35											60			150							90		65				
		1.10			360		110	120						70		35	25	145		25		30		65						20	
			-5	30	350	130	105		75				75	60	55			140	25		30	25			95		50				60
50	35	1.00						115		70	65	70		50		30	20	135						60				75		5	
			-10		340	125			70				70	40	50			130	20		20		25		100	45		85	10		50
		.90		25			100	110		70	65	65		30	45			125		25		20		55			80			
	30		-15		330	120			65				65	20		25	15	120					20		105	40		90			40
40		.80					90	105		65	60	65		10	40			115	15		15			50							
			-20	20	320	115	85		60	60	55	60	60	00		20	15	105		20		15	15		110		85	95			30
					310			100							35			100	10		10			45							
	25	.70	-25		300	110	80						55			20		95				10	10			35		100		0	
					290		75	95		55	50	55			30			90	5		15			40	110		90		5		
30					280	105	70		55					5		15		85		10		5	5								20
	20	.60	-30	15	270			90			45		50		25		10	80						35			95				
					260	100	65	85		50		50			20			75		5		0		30	115		100	105			
		.50	-35		250				50					1		10		70					5								
					240	95	60			45	40	45			15			65						25								
	15	.40	-40	10	230		55	80	50				45		10	10	5	60						20		30		110			
20					220	90												55													20
		.30	-50		210	85	50	75	45	40	35	40	40	0.1	5	5	5	50		0				15	20		110				
				5	200			70										45						10							
		.20			190	80	45	65	40	40	30	35	35		0			40								25		115			
10					180	75	40	60			25							35						0					0		
			-60		170	70			35	35		35	30	0.01		0	0	30	0						5	125					
	10	.10			160	65	35	55			20																				
					150	60				30		30																				
							30																								

PROFILE LIMITS																															
	UP	16	9	29	44	14	11	24	13	17	16	24	11	17	8	14	39	6	34	19	24	34	14	29	14	22	9	-	19		
	DOWN	29	9	24	17	9	24	15	12	17	12	24	20	49	5	29	12	10	24	29	18	39	17	34	21	17	14	15	-		

MATCHED EXPERIMENTAL - CONTROL COMPARISONS

Age Group 2 (20-29) N=46

MEAN SCORES

	Experimental	Control
Total Positive	346.3	345.4
Self Criticism	34.1	34.6
Identity	124.8	126.5
Self Satisfaction	110.3	109.5
Behavior	111.0	109.4
Physical Self	69.0	67.1
Moral-Ethical Self	69.7	71.5
Personal Self	68.3	67.7
Family Self	69.5	70.4
Social Self	69.3	68.9

Summary:

Analysis by the TSCS profile sheet indicates the Experimental and Control groups of ages 20-29 are very similiar. Both groups indicate a normal positive self concept on all ten variables measured.

MATCHED EXPERIMENTAL CONTROL COMPARISONS PROFILE SHEET

Tennessee Self Concept Scale

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AGE GROUP 2 (20-29) N= 46

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NAME | SCHOOL GRADE | SEX M F | AGE | DATE | TOTAL TIME

T SCORE	SELF CRITICISM	T/F	CONFLICT NET	CONFLICT TOTAL	TOTAL	POSITIVE SCORES ROW 1	ROW 2	ROW 3	COLUMN A	COLUMN B	COLUMN C	COLUMN D	COLUMN E	PERCENTILE SCORES	VARIABILITY TOTAL	VAR. COL. TOT.	VAR. ROW TOT.	DISTRIBUTION D	5	4	3	2	1	EMPIRICAL SCALES DP	GM	PSY	PD	N	PI	NDS	T SCORE
90		3.00	80	80		150		150	90		90	90	90					200	65	60	75	55	60						25	80	90
	50	2.75			450					90				99.99											50	80					
		2.50	70																											75	
		2.25	60	70	440		150											195	60	55	70	50	55	95	55	80	30	30		70	
80		2.00		60			145	145			85			99.9	110	70	45				65							35		65	80
		1.90	50	55	430										105			190	55	50	60	45	50	90	60	75	35	40		60	
		1.80	40		420		140								100	65		185	50	45	55	40		85	65	70	40	45	20	55	
70		1.70	30	50		145	135	140					85	99	95	60	40	180	45	45	50	35	45		70	65	45	50		50	
		1.60			410						80	85			90			175	40	40	45			80	75	60	50	55		45	
		1.50	20	45			130		85	85					85	55	35	170			40	35	40							40	70
		1.40			400			125						95	80			165	35	60				75	80			60		35	
	45		15			140							80		75	50	30	160			35	30	35			55			30		
60		1.30	10	40	390		120		80	80	75	80		90	70			155	30	35				70	85		60	70		25	
					380										65	40	25	150			30	30	35		90	55	65		15	20	
		1.20	5	35		135	115	125		75	70		75	80	60	35		145	25	30	25	25		65			75			15	60
	40		0		370										55			140							95	50	80				
50		1.10	-5	30	360	130	110	120	75			75		70	50	30	20	135	20	25	20	20	25	60			70		10		
					350		105			70	65		70		45			130						55	100	45		85			50
	35	1.00				125		115				70		60				125											10		
			-10		340		100		70				65		40	25		120	15	20	15	20	20	50	105	40	80	90			
40	30	.90		25		120		110		65	60	65		50			15	115													
		.80	-15		330		95		65				60		40	25		110	10	20	10	15	15	45	105	40	85	95			
				20	320			90		65	60	65		40			10	105													
		.70	-20			115	85		60				60		35	20		100	5	15	5	10	10	40	110		90				
30	25				310			105		60	55	60		30			5	95													
		.60	-25			110	80		55				55		25	15		90		10		5		35		35	95	100			0
	20			15	300			70		55	50	55		20				85													
		.50	-30			105	75		50				50		15	10		80		5		0		30	115		100	105			
				10	290			95		50	45	50		10				75													
	15	.40	-35			100	65		45				45		5			70						25		30		110			
20					280			90		45	40	45		0				65													
		.30	-40			99	60		40				40		0	5		60						20		105					
				10	270			85		40	35	40		0				55													
		.20	-50			90	55		35				35		0	0		50						15	120		110				
				5	260			80		35	30	35		0				45		0				10							
		.10	-60			80	50		30				30		0	0		40								25		115			
10	10				250			75		30	25	30		0				35		0			0	5	125						
						70	45		25				25					30													
					240	65		70		25	20	25		0				25													
						60	40	65	20				20					20													
					230			60		20	15	20		0				15													
						55	35		15				15					10													
					220			55		15	10	15		0				5													
						50	30		10				10					0													
					210			50		10	5	10		0																	
						45	25		5				5																		
					200			45		5	0	5		0																	
						40	20		0				0																		
					190			40		0	0	0		0																	
						35	15		0				0																		
					180			35		0	0	0		0																	
						30	10		0				0																		
					170			30		0	0	0		0																	
						25	5		0				0																		
					160			25		0	0	0		0																	
						20	0		0				0																		
					150			20		0	0	0		0																	

PROFILE LIMITS																															
	UP	1F	?	29	46	14	11	24	13	17	16	24	11	17		8	14	39	6	34	19	24	34	14	29	14	22	9	-	19	
	DOWN	29	9	24	17	9	24	15	12	17	12	24	20	49		5	29	12	10	24	29	18	39	17	34	21	17	14	15	-	95	

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MATCHED EXPERIMENTAL CONTROL COMPARISONS

Age Group 3 (30 and over) N=16

MEAN SCORES

	Experimental	Control
Total Positive	363.8	351.7
Self Criticism	31.3	34.1
Identity	131.5	129.3
Self Satisfaction	116.2	106.0
Behavior	116.1	116.3
Physical Self	70.7	70.2
Moral-Ethical Self	75.1	74.0
Personal Self	70.7	69.2
Family Self	72.3	73.5
Social Self	74.2	69.2

Summary:

According to the TSCS profile, both the experimental and control groups in the age group of 30 years old and over displayed a normal positive self concept on the pre score analysis. Also the scores indicate the experimental group displayed greater or equal scores on all variables except Self Criticism. Possibly, this indicates the women aborters (ages 30 and over) were slightly more defensive and made a more deliberate attempt to paint a favorable picture of oneself. However, this should not be misconstrued because both groups (Experimental and Control) were in the range of normalcy.

MATCHED EXPERIMENTAL CONTROL COMPARISONS

Tennessee Self Concept Scale

PROFILE SHEET

AGE GROUP 3 (30 and over)

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NAME | SCHOOL GRADE | SEX M F | AGE | DATE | TOTAL TIME

T SCORE	SELF CRITICISM	T/F	CONFLICT NET	CONFLICT TOTAL	TOTAL	POSITIVE SCORES ROW 1	ROW 2	ROW 3	COLUMN A	COLUMN B	COLUMN C	COLUMN D	COLUMN E	PERCENTILE SCORES	VARIABILITY TOTAL	VAR. COL. TOT.	VAR. ROW TOT.	DISTRIBUTION D	5	4	3	2	1	EMPIRICAL SCALES DP	GM	PSY	PD	N	PI	NDS	T SCORE
90		3.00	80	80	450	150		150	90		90	90	90	99.99	110	70	45	200	65	60	75	55	60			80			25	80	90
	50	2.75																							50					75	
		2.50	70							90																80					
		2.25	60	70	440		150			90					105	65		195	60	55	70	50	55	95	55		30	30		70	
80		2.00		60	430		145	145			85			99.9	100	60	40	190	55	50	60	45	50	90	60	75	35	40		60	80
		1.90	50	55			140								95			185	50		55			85	65	70		45		55	
		1.80	40		420											60			45	45	50	40			70	65	40	50		50	
70		1.70	30	50	410	145	135	140					85	99	90	55	35	180			45								20	45	70
		1.60									80	85			85	50		175	40	40	40	35	40	80	75	60	50	55		40	
		1.50	20	45	400		130	135	85	85				95	80			170												35	
		1.40			390		125								75	45	30	165	35		35	30	35	75	80		55			30	
60	45		15												70			160												25	
		1.30	10	40	380	140	120	130	80	80	75	80	80	90	65	40	25	155	30	35	30		30	70	85	55	60	70	15	20	60
		1.20	5	35	370	135	115	125	75	70			75	80	60	35		150							90		65			15	
	40		0												55			145	25	30	25	25		65		50		75		10	
		1.10			360	130	110	120	75		70	75	70	70	50	30	20	140					30								
50			-5	30	350	130	105	115		70				60	45			135						60	95		70			5	50
	35	1.00							70		65	70	65	50	40	25	15	130	20	25	20	20	25							
		.90	-10		340	125	100	110						40	35			125						50	100	45	80	85	10		
				25										30				120	15		15		20								
	30		-15		330	120	95		65	65	60	65		20	30	15	15	115						45	105	40	85	95			
40		.80			320		90	105						10	25			110	10	20	10	15	15								
			-20	20	310	115	85		60	60	55	60	60	0	20	10	10	105						40	110		90		5		
	25				300			100										100	5	15	5	10	10								
		.70	-25		290	110	80		55	55	50	55	55		15			95						35		35	95	100		0	
30				15	280		75	95						5				90				5								
	20	.60	-30		270	105	70		55	90	45	50	50		10			85		10				30	115		100	105			
					260		65	85						0				80													
		.50	-35		250	100			50		45				5			75						20		30		110			
	15	.40		10	240	95	60	80		50		45	45	5				70							120		105				
20			-40		230		55		45		40							65						15							
		.30			220	90		75						0.1				60													
					210		50		45		35	40	40					55						10		110					
			-50		200	85		70		40								50		0											
		.20		5	190	80	45	65			30							45								25		115			
10					180	75	40	60	40	35	25	35	35	0.01	0			40													
		.10	-60		170	70										0	0	35	0				0						0		
	10				160	65	35	55	35		20	30	30					30													
					150	60	30			30															125							

PROFILE LIMITS		T/F	CONFLICT NET	CONFLICT TOTAL	TOTAL	ROW 1	ROW 2	ROW 3	COL A	COL B	COL C	COL D	COL E	VAR. TOTAL	VAR. COL. TOT.	VAR. ROW TOT.	D	5	4	3	2	1	DP	GM	PSY	PD	N	PI	NDS
	UP	16	7	29	44	14	11	24	13	17	16	24	11	17	8	14	39	6	34	19	24	14	14	29	14	22	9	-	19
	DOWN	29	9	24	17	9	24	15	12	17	12	24	20	49	5	29	12	10	24	29	18	39	17	34	21	17	14	15	-

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CONCLUSIONS

1. Subjects, in this study, did not use effective birth control prior to conception.

2. Women who chose therapeutic abortion as an alternative in pregnancy indicate a serious concern in seeking out effective birth control measures after therapeutic abortion.

3. Surgical abortion does not seem to be a chosen method of birth control.

4. Teenage women who have chosen surgical abortion as an alternative to pregnancy and birth seem to have a lower positive self concept than teenage women who are sexually active but have never experienced pregnancy or abortion. However, when taken into consideration the self concept pre-post scores of teenage women aborters an improvement in self concept seems to occur. Therefore, one cannot say that surgical abortion over a short period of time has a detrimental effect on the psychosocial constructs (self concept) of teenage women.

5. In age groups 20-29 and 30 years and over, the self concept seems to be predominately stable and positive in the before and after experience of abortion. Also, these age groups seem to have a positive correlation in self concept when comparing women who chose abortion versus sexually active women who have never experienced pregnancy or abortion.

AFTERTHOUGHTS

In a definition of humanism and its quality, we must take into consideration the human being as a whole entity. This can be expressed by looking at the well-being of an individual and the components include our social, emotional, mental and physical well-being of health. In order for a human being to function in a quality style of life it is necessary for these components of well-being to be operating on a level of wellness.

In surgical induced abortion, levels of wellness and well-being have in the past primarily been measured in the realms of physiology. Many studies have been concerned with the medical and physical aspects related to the clinical abortion procedure.

This study attempted to go one step farther with the concerns of well-being. An attempt was made to look at psychosocial constructs (self concept) of the personality and what interactions were occurring in the social, emotional and mental aspects of women who chose first trimester surgical abortion. The findings seem to indicate abortion is primarily not a villain in creating a negative aura of well-being.

APPENDIX A

The Tennessee Self Concept Scale (TSCS)

William H. Fitts began the developmental work on the Tennessee Self Concept Scale with the Tennessee Department of Mental Health in 1955. The standardization sample consisted of 626 persons from various parts of the United States with an age range from 12 to 68. The norms for the Scale were based on approximately equal number of both sexes, Black and White subjects, and representatives of all economic and social classes with educational levels ranging from sixth grade to the Ph.D. degree (14).

The Tennessee Self Concept Scale is a self report instrument consisting of 100 descriptive statements of which the individual responds to a Likert-type 5 point scale. Two forms of the Scale are available, a Counseling Form and a Clinical and Research Form. Both forms use the same test booklet and testing items but the difference exists in the scoring and profiling of the two forms.

The Tennessee Self Concept Scale has previously been shown to be a valid and reliable research instrument with test-retest coefficients ranging from .60 to .92 (15). All forms of validity have been supported by past research and, if the standardized procedure is followed in administering the test, results can be interpreted with confidence (16, 17, 18).

The form used for this research was the Clinical and Research with the following scales utilized.

1. Total Positive (P)--this score reflects the overall level of self-esteem. Persons scoring high tend to like themselves, feel confident, and have a sense of value and self-worth. People scoring low have doubts about their self-worth, often express anxiety, depression and unhappiness, and have little confidence in themselves.
2. Self Criticism (SC)--this scale is composed of ten items taken from the Minnesota Multiphasic Personality Inventory. Defensive individuals deny most of these statement and make a deliberate attempt to present a favorable picture of themselves. A normal healthy capacity for self-criticism is an individual is indicated by a high score.
3. Identity--this describes what a person is as seen by himself.
4. Self-Satisfaction--this score reflects the level of self-acceptance or how one feels about the perceived self.
5. Behavior--this score measures the person's perception of his own behavior. This is the way I act or what I do.
6. Physical Self--here the person is presenting his state of health, perception of his body, the physical appearance, sexuality and skills.
7. Moral-Ethical Self--this score describes the way the subject views himself in relation to moral-ethical worth, satisfaction with one's religion or the absence of it, and one's relationship to God.
8. Personal Self--this score reflects the subject's sense of personal worth and the evaluation of personality apart from the body or relationship to others.
9. Family Self--this score reflects the subject's feelings of adequacy, worth and value in the family unit. It refers to the person's perception of self in regards to his closest and most immediate associates.
10. Social Self--this is the "self perception in relation to others." It reflects the person's sense of adequacy and worth in his socialization with other people (14).

Please circle correct response.

		Completely false	Mostly false	Partly false and partly true	Mostly true	Completely true
1.	I have a healthy body.	1	2	3	4	5
3.	I am an attractive person.	1	2	3	4	5
5.	I consider myself a sloppy person.	1	2	3	4	5
19.	I am a decent sort of person.	1	2	3	4	5
21.	I am an honest person.	1	2	3	4	5
23.	I am a bad person.	1	2	3	4	5
37.	I am a cheerful person.	1	2	3	4	5
39.	I am a calm and easy going person.	1	2	3	4	5
41.	I am a nobody.	1	2	3	4	5
55.	I have a family that would always help me in any kind of trouble.	1	2	3	4	5
57.	I am a member of a happy family.	1	2	3	4	5
59.	My friends have no confidence in me.	1	2	3	4	5
73.	I am a friendly person.	1	2	3	4	5
75.	I am popular with men.	1	2	3	4	5
77.	I am not interested in what other people do.	1	2	3	4	5
91.	I do not always tell the truth.	1	2	3	4	5
93.	I get angry sometimes.	1	2	3	4	5
2.	I like to look nice and neat all the time.	1	2	3	4	5
4.	I am full of aches and pains.	1	2	3	4	5
6.	I am a sick person.	1	2	3	4	5
20.	I am a religious person.	1	2	3	4	5
22.	I am a moral failure.	1	2	3	4	5
24.	I am a morally weak person.	1	2	3	4	5
38.	I have a lot of self-control.	1	2	3	4	5

		Completely false	Mostly false	Partly false and partly true	Mostly true	Completely true
40.	I am a hateful person.	1	2	3	4	5
42.	I am losing my mind.	1	2	3	4	5
56.	I am an important person to my friends and family.	1	2	3	4	5
58.	I am not loved by my family.	1	2	3	4	5
60.	I feel that my family doesn't trust me.	1	2	3	4	5
74.	I am popular with women.	1	2	3	4	5
76.	I am mad at the whole world.	1	2	3	4	5
78.	I am hard to be friendly with.	1	2	3	4	5
92.	Once in a while I think of things too bad to talk about.	1	2	3	4	5
94.	Sometimes, when I am not feeling well, I am cross.	1	2	3	4	5
7.	I am neither too fat nor too thin.	1	2	3	4	5
9.	I like my looks just the way they are.	1	2	3	4	5
11.	I would like to change some parts of my body.	1	2	3	4	5
25.	I am satisfied with my moral behavior.	1	2	3	4	5
27.	I am satisfied with my relationship to God.	1	2	3	4	5
29.	I ought to go to church more.	1	2	3	4	5
43.	I am satisfied to be just what I am.	1	2	3	4	5
45.	I am just as nice as I should.	1	2	3	4	5
47.	I despise myself.	1	2	3	4	5
61.	I am satisfied with my family relationships.	1	2	3	4	5
63.	I understand my family as well as I should.	1	2	3	4	5

		Completely false	Mostly false	Partly false and partly true	Mostly true	Completely true
65.	I should trust my family more.	1	2	3	4	5
79.	I am as sociable as I want to be.	1	2	3	4	5
81.	I try to please others, but I don't overdo it.	1	2	3	4	5
83.	I am no good at all from a social standpoint.	1	2	3	4	5
95.	I do not like everyone I know.	1	2	3	4	5
97.	Once in a while, I laugh at a dirty joke.	1	2	3	4	5
8.	I am neither too tall nor too short.	1	2	3	4	5
10.	I don't feel as well as I should.	1	2	3	4	5
12.	I should have more sex appeal.	1	2	3	4	5
26.	I am as religious as I want to be.	1	2	3	4	5
28.	I wish I could be more trustworthy.	1	2	3	4	5
30.	I shouldn't tell so many lies.	1	2	3	4	5
44.	I am as smart as I want to be.	1	2	3	4	5
46.	I am not the person I would like to be.	1	2	3	4	5
48.	I wish I didn't give up as easily as I do.	1	2	3	4	5
62.	I treat my parents as well as I should. (Use past tense if parents are not living.)	1	2	3	4	5
64.	I am too sensitive to things my family say.	1	2	3	4	5
66.	I should love my family more.	1	2	3	4	5
80.	I am satisfied with the way I treat other people.	1	2	3	4	5
82.	I should be more polite to others.	1	2	3	4	5
84.	I ought to get along better with other people.	1	2	3	4	5
96.	I gossip a little at times.	1	2	3	4	5

		Completely false	Mostly false	Partly false and partly true	Mostly true	Completely true
98.	At times I feel like swearing.	1	2	3	4	5
13.	I take good care of myself physically	1	2	3	4	5
15.	I try to be careful about my appearance.	1	2	3	4	5
17.	I often act like I am "all thumbs."	1	2	3	4	5
31.	I am true to my religion in my everyday life.	1	2	3	4	5
33.	I try to change when I know I'm doing things that are wrong.	1	2	3	4	5
35.	I sometimes do very bad things.	1	2	3	4	5
49.	I can always take care of myself in any situation.	1	2	3	4	5
51.	I take the blame for things without getting mad.	1	2	3	4	5
53.	I do things without thinking about them first.	1	2	3	4	5
67.	I try to play fair with my friends and family.	1	2	3	4	5
69.	I take a real interest in my family	1	2	3	4	5
71.	I give in to my parents. (Use past tense if parents are not living.)	1	2	3	4	5
85.	I try to understand the other fellow's point of view.	1	2	3	4	5
87.	I get along well with other people.	1	2	3	4	5
89.	I do not forgive others easily.	1	2	3	4	5
99.	I would rather win than lose in a game.	1	2	3	4	5
14.	I feel good most of the time	1	2	3	4	5
16.	I do poorly in sports and games.	1	2	3	4	5
18.	I am a poor sleeper.	1	2	3	4	5
32.	I do what is right most of the time.	1	2	3	4	5

		Completely false	Mostly false	Partly false and partly true	Mostly true	Completely true
34.	I sometimes use unfair means to get ahead.	1	2	3	4	5
36.	I have trouble doing the things that are right.	1	2	3	4	5
50.	I solve my problems quite easily.	1	2	3	4	5
52.	I change my mind a lot.	1	2	3	4	5
54.	I try to run away from my problems.	1	2	3	4	5
68.	I do my share of work at home.	1	2	3	4	5
70.	I quarrel with my family.	1	2	3	4	5
72.	I do not act like my family thinks I should.	1	2	3	4	5
86.	I see good points in all the people I meet.	1	2	3	4	5
88.	I do not feel at ease with other people.	1	2	3	4	5
90.	I find it hard to talk with strangers.	1	2	3	4	5
100.	Once in a while I put off until tomorrow what I ought to do today.	1	2	3	4	5

Instructions

A. PLEASE READ EACH QUESTION CAREFULLY AND CHOOSE THE ANSWER THAT BEST FITS YOUR OWN EXPERIENCE. MARK THAT ANSWER ON THE ANSWER SHEET BY FILLING IN THE APPROPRIATE PARENTHESIS. FOR EXAMPLE, IF ANSWER NUMBER 5 BEST FITS YOUR EXPERIENCE, YOU WOULD BLACKEN THE PARENTHESIS THAT THE 5 IS IN, LIKE THIS:

(0) (1) (2) (3) (4) ● (6) (7) (8)

B. USE ONLY A SOFT LEADED PENCIL — NOT A PEN.

C. MARK ONLY ONE ANSWER FOR EACH QUESTION.

D. TO CHANGE ANSWERS, ERASE COMPLETELY; DO NOT CROSS THINGS OUT.

E. THE ANSWER SHEET READS ACROSS THE PAGE, FROM LEFT TO RIGHT, RATHER THAN FROM TOP TO BOTTOM.

F. ANSWER ALL QUESTIONS. IF A QUESTION DOES NOT APPLY TO YOU, MARK SPACE NUMBER 9 AND GO ON TO THE NEXT QUESTION. NUMBER 9 SHOULD ALWAYS BE USED WHEN THE QUESTION DOES NOT APPLY TO YOU, BUT ONLY WHEN THE QUESTION DOES NOT APPLY.

PLEASE READ THE FOLLOWING TWO PRACTICE QUESTIONS TO MAKE SURE IT IS CLEAR WHEN TO USE (9) N.A.. N.A. MEANS NOT APPLICABLE. DO NOT PUT THE ANSWERS TO THESE TWO QUESTIONS ON THE ANSWER SHEET.

A. MY HOME IS IN A ...
(0) city (1) suburb (2) rural area (3) other

B. WHEN I WAS ON MARS LAST YEAR, THE WEAT... WAS ...
(0) too hot (1) too ... (9) N.A.

QUESTIONNAIRE
FEMALE

(Do you have the right form?)

Record all answers on the answer sheet. Do not write on the questionnaire.

1. Sex
(0) Male (1) Female

2. Age
(0) 15 or under (1) 16 through 17 (2) 18 through 19 (3) 20 through 21 (4) 22 through 23 (5) 24 through 26 (6) 27 through 29 (7) 30 and over

3. Class
(0) freshman (1) sophomore (2) junior (3) senior (4) graduate student (5) other

4. In ten years from now, do you expect to be (if uncertain, answer for what you would *like* to be)
(0) living alone (1) living with someone in a nonsexual relationship (2) cohabiting in a sexual relationship (3) living with a married partner (4) living with parents (5) living with your children (6) combination of 3 & 5 (7) other

5. Number of children you would like to have
(0) none (1) one (2) two (3) three (4) four or more (5) uncertain whether or not I want to have children (6) do want to have children but not sure how many I want

6. Current marital status
(0) single (1) married (2) separated (3) divorced (4) widowed

7. Total number of years ever married
(0) none (1) under 1 (2) 1 to 7 years (3) over 7 years

8. Total number of years ever cohabited ("cohabited" means living with someone, other than a legal spouse, in a sexual relationship.)
(0) none (1) under 1 year (2) 1 to 7 years (3) over 7 years

9. I am currently
(0) living alone (1) cohabiting in a heterosexual relationship (2) living with married partner (3) cohabiting in a homosexual relationship (4) living with someone in a non-sexual relationship (5) living with parents (6) other

10. Religious background
(0) Catholic (1) Protestant (2) Jewish (3) Atheist (4) Agnostic (5) uncommitted (6) other

11. Father's education
(0) did not complete high school (1) high school graduate or equivalency degree (2) some college or vocational training after high school (3) college graduate (4) post graduate work without advanced degree (5) advanced degree

12. Mother's education
(0) did not complete high school (1) high school graduate or equivalency degree (2) some college or vocational training after high school (3) college graduate (4) post graduate work without advanced degree (5) advanced degree

13. When was your mother employed (full or part time) out of your home?
(0) never (1) not since you were born (2) during pre-school years only (3) during elementary school only (4) during 7th through 12th grade only (5) some combination of 2, 3, or 4 (6) after high school only (7) she has always worked

14. At what age did you get the whole picture clear, i.e. the physiological facts about the relationship between menstruation, intercourse, ejaculation, conception, pregnancy, birth?
(0) before age 8 (1) 9 through 12 (2) 13 through 15 (3) 16 through 18 (4) 19 and over (5) still not clear.

15. One often gathers information from many sources. What was your single best source of information that made the above "picture" clear for you?
(0) parent(s) (1) sibling(s) or friend(s) (2) information at schools (3) reading (self education) (4) educational films (5) X rated films (6) experience of pregnancy (7) other (9) still not clear

16. Race (or ethnicity)
(0) Caucasian (white) (1) Black (2) Hispanic (3) Asian (4) American Indian (5) other

17. Sexual orientation
(0) heterosexual (1) homosexual (2) bisexual (3) uncertain

18. Approximately what proportion of your sexual experiences have been with a female?
(0) never (1) once or twice (2) 25% (3) 50% (4) 75% (5) 100%

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19. Have you ever used a vibrator or other object for genital stimulation?
(0) never (1) rarely (2) sometimes (3) often (4) usually (5) always

20. Have you ever fantasized during genital stimulation with or without a partner?
(0) never (1) rarely (2) sometimes (3) often (4) usually (5) always (9) N.A.

21. Check the one that best describes your current situation
(0) I am not seeing anyone right now (1) I'm dating/seeing one person with whom I do *not* have intercourse (2) I'm dating/seeing more than one person with whom I do *not* have intercourse (3) I'm dating/seeing one person with whom I have intercourse (4) I'm dating/seeing more than one person but have intercourse with only one (5) I'm dating/seeing more than one person and have intercourse with more than one (9) N.A.

22. Do you have a physical problem that prevents you from being sexually active, e.g., injury, congenital deficit or chronic illness?
(0) no (1) yes (2) not certain

23. Have you ever had any sexually transmitted disease such as syphilis, gonorrhea, genital herpes, venereal warts, scabies, crab lice, or trichomoniasis (trich)?
(0) no (1) once (2) twice (3) three (4) four (5) five (6) six or more (7) not sure

24. How many times have you suspected or noticed symptoms which you think might have been caused by sexually transmittable disease that you did *not* have diagnosed or treated?
(0) never (1) once (2) twice (3) three (4) four (5) five (6) six (7) seven or more

25. How many times have you had a pelvic examination by a doctor?
(0) never (1) once (2) twice (3) three times (4) four times (5) five times (6) six times (7) seven or more times

26. How often do you do a breast self-examination (examine your breasts for lumps or irregularities?)
(0) never (1) rarely (2) once a year (3) twice a year (4) more than twice a year but less than once a month (5) once a month (6) more than once a month

When you masturbate alone, approximately how often do you experience the following:

rarely = 10% *usually = 75%*
sometimes = 25% *always = 100%*
often = 50%

27. Inability to get "turned on" (do not have erotic feelings)
(0) never (1) rarely (2) sometimes (3) often (4) usually (5) always (9) N.A.

28. Lack of lubrication in your vagina
(0) never (1) rarely (2) sometimes (3) often (4) usually (5) always (9) N.A.

29. Do not reach orgasm, no matter how long you try
(0) never (1) rarely (2) sometimes (3) often (4) usually (5) always (9) N.A.

30. Initially aroused but lose erotic feelings at some point before orgasm
(0) never (1) rarely (2) sometimes (3) often (4) usually (5) always (9) N.A.

31. How many times have you been sexually assaulted or molested (not including rape - see definition of rape in next question)
(0) none (1) once (2) twice (3) three (4) four (5) five (6) six (7) seven or more times

32. Were you ever raped? (oral, anal, vaginal penetration by force by either sex - include penetration by any object or part of the rapist's body.)
(0) never (1) once (2) twice (3) three (4) four (5) five (6) six (7) seven or more times

Please answer questions 33 through 35 for the first time you were raped. If you were NOT raped, mark (9) N.A. for each question.

33. What age were you when you were raped?
(0) less than 5 (1) 6 through 9 (2) 10 through 12 (3) 13 through 15 (4) 16 through 18 (5) 19 through 21 (6) 22 through 26 (7) 27 or older (9) N.A.

34. Was the person who raped you
(0) a stranger (1) someone you knew (not related to you) (2) someone in your family (3) more than one person (a gang rape) (9) N.A.

35. Who did you report the rape to?
(0) family member(s) or friend(s) (1) doctor (2) police (3) counselor (4) emergency medical personnel (5) other (6) more than one of the above (7) I have never told anyone (9) N.A.

36. If a male partner told me early in our relationship that he had a condom with him, my strongest reaction would be:
(0) turned on - he's either promiscuous or has premeditated our sexual encounter (1) turned off - he's either promiscuous or has premeditated our sexual encounter (2) turned on - that's a romantic come on (3) turned off - that's an unromantic come on (4) turned on - he's only interested in sex (5) turned off - he's only interested in sex (6) embarrassed I'd prefer not to discuss the subject (7) pleased that he takes responsibility for preventing unwanted pregnancy

37. If a man told me early in our relationship that he had a vasectomy, my strongest reaction would be
(0) less attrracted - I'm only interested in having a relationship with a person with whom I could eventually have children (1) more attracted - I only want a short term sexual relationship (2) more attracted because I'm not interested in having children (3) less attracted - I feel that a man with a vasectomy is not sexually appealing (4) less attracted - I don't know why (5) It wouldn't make any difference to me (6) I don't know how I would feel

If you have never had sexual relations with anyone, answer (9) N.A. (not applicable) to all the rest of the questions.

38. During the past year, approximately how often did you have sexual relations?
(0) never (1) once (2) two to eleven times (3) an average of once a month (4) two or three times a month (5) once or twice a week (6) three to six times a week (7) once a day or more (9) N.A.

39. During the past year, with how many people did you have sexual relations?
(0) none (1) one (2) two (3) three or four (4) five or six (5) seven or eight (6) nine or ten (7) eleven or more (9) N.A.

40. Number of times your sexual relations have resulted in unwanted pregnancies
(0) none (1) one (2) twice (3) three (4) four (5) five (6) six (7) seven or more (9) N.A.

41. Number of miscarriages you have had
(0) none (1) one (2) two (3) three (4) four (5) five (6) six (7) seven or more (9) N.A.

42. Number of abortions you have had
(0) none (1) one (2) two (3) three (4) four (5) five (6) six (7) seven or more (9) N.A.

43. Number of children you have had
(0) none (1) one (2) two (3) three (4) four (5) five (6) six (7) seven or more

If you have been legally married, mark (9) N.A. for questions 44 through 46.

44. Are one or both of your parents or parent substitutes aware that you are sexually active?
(0) yes (1) no (2) uncertain (9) N.A.

Which of the following best describes their current reaction?

45. Father
(0) approval (1) resignation (2) mild disapproval (3) severe disapproval (4) no visible reaction (5) he is not aware (6) have no father or father substitute (9) N.A.

46. Mother
(0) approval (1) resignation (2) mild disapproval (3) severe disapproval (4) no visible reaction (5) she is not aware (6) have no mother or mother substitute (9) N.A.

Try to remember the first time you willingly had intercourse (involving the genitals of both you and your partner.)

47. What age were you?
(0) 12 or younger (1) 13 through 15 (2) 16 through 18 (3) 19 through 21 (4) 21 through 25 (5) 26 or over (9) N.A.

Which of the following words accurately describes how you *felt* the first time you had sex. (If your first experience was one in which you were forced, such as in rape, think of the first experience when you had sex willingly.) Please select the *one* word from each group that best describes how you felt. If you have never had intercourse, mark (9) N.A. for each question.

48. (0) thrilled (1) excited (2) joyful (3) none of these (9) N.A.
49. (0) afraid (1) worried (2) relieved (3) none of these (9) N.A.
50. (0) fulfilled (1) happy (2) satisfied (3) none of these (9) N.A.
51. (0) daring (1) adventurous (2) curious (3) none of these (9) N.A.
52. (0) powerful (1) assertive (2) mature (3) none of these (9) N.A.
53. (0) guilty (1) sorry (2) regretful (3) none of these (9) N.A.
54. (0) embarrassed (1) foolish (2) immature (3) none of these (9) N.A.
55. (0) exhausted (1) tired (2) depressed (3) none of these (9) N.A.
56. (0) degraded (1) used (2) hurt (3) none of these (9) N.A.
57. (0) disappointed (1) dissatisfied (2) content (3) none of these (9) N.A.
58. (0) overwhelmed (1) anxious (2) uneasy (3) none of these (9) N.A.

Remember the last time you had sexual relations.

59. When was it?
(0) in the last 24 hours (1) within a week (2) within a month (3) within 6 months (4) within a year (5) more than 1 year ago (9) N.A.

Which of the following words accurately describes how you have felt generally in your recent experiences of intercourse.

60. (0) thrilled (1) excited (2) joyful (3) none of these (9) N.A.
61. (0) afraid (1) worried (2) relieved (3) none of these (9) N.A.
62. (0) fulfilled (1) happy (2) satisfied (3) none of these (9) N.A.
63. (0) daring (1) adventurous (2) curious (3) none of these (9) N.A.
64. (0) powerful (1) assertive (2) mature (3) none of these (9) N.A.
65. (0) guilty (1) sorry (2) regretful (3) none of these (9) N.A.
66. (0) embarrassed (1) foolish (2) immature (3) none of these (9) N.A.
67. (0) exhausted (1) tired (2) depressed (3) none of these (9) N.A.
68. (0) degraded (1) used (2) hurt (3) none of these (9) N.A.
69. (0) disappointed (1) dissatisfied (2) content (3) none of these (9) N.A.
70. (0) overwhelmed (1) anxious (2) uneasy (3) none of these (9) N.A.

Mark as many of the following that apply to each of the occasions that you had sex with a man during the past year. If you did not have sex with a man during this period, mark (9) N.A. for questions 71 through 86.

71. He used a condom and I used jelly or foam
(0) never (1) once or twice (2) sometimes (3) always (9) N.A.

72. He used a condom (rubber) only
(0) never (1) once or twice (2) sometimes (3) always (9) N.A.

73. I used foam or jelly only.
(0) never (1) once or twice (2) sometimes (3) always (9) N.A.

74. He withdrew before ejaculating
(0) never (1) once or twice (2) sometimes (3) always (9) N.A.

75. He has a vasectomy
(0) never (1) part of the year (2) all of last year (9) N.A.

76. I trusted to luck that I wouldn't become pregnant
(0) never (1) once or twice (2) sometimes (3) always (9) N.A.

77. I didn't think about whether or not I might become pregnant
(0) never (1) once or twice (2) sometimes (3) always (9) N.A.

78. I just assumed that he used something but I don't know what it was
(0) never (1) once or twice (2) sometimes (3) always (9) N.A.

79. I was on the pill
(0) never (1) part of last year (2) all of last year (9) N.A.

80. I have an I.U.D. (intrauterine device)
(0) never (1) during part of last year (2) during all of last year (9) N.A.

81. I used a diaphragm with foam or jelly
(0) never (1) once or twice (2) sometimes (3) always (9) N.A.

82. I douched afterwards
(0) never (1) once or twice (2) sometimes (3) always (9) N.A.

83. I used the rhythm method of birth control
(0) never (1) once or twice (2) sometimes (3) always (9) N.A.

84. I thought I could have an abortion if I got pregnant
(0) never (1) once or twice (2) sometimes (3) always (9) N.A.

85. One of us used a method not mentioned here
(0) never (1) once or twice (2) sometimes (3) always (9) N.A.

86. Used no method of birth control
(0) never (1) once or twice (2) sometimes (3) always (9) N.A.

When you have sexual relations, approximately how often do you experience the following:

never = 0 *often = 50%*
rarely = 10% *usually = 75%*
sometimes = 25% *always = 100%*

87. Inability to get "turned on" (do not have erotic feelings)
(0) never (1) rarely (2) sometimes (3) often (4) usually (5) always (9) N.A.

88. Initially aroused but lose erotic feelings at some point before your orgasm
(0) never (1) rarely (2) sometimes (3) often (4) usually (5) always (9) N.A.

89. Lack of lubrication in your vagina
(0) never (1) rarely (2) sometimes (3) often (4) usually (5) always (9) N.A

90. Discomfort with penetration (penis in vagina)
(0) never (1) rarely (2) sometimes (3) often (4) usually (5) always (9) N.A.

91. Discomfort with penile thrusting
(0) never (1) rarely (2) sometimes (3) often (4) usually (5) always (9) N.A.

92. Reach orgasm
(0) with penile thrusting only (1) with manual clitoral stimulation only (2) with oral clitoral stimulation only (3) with a combination of the above (4) with other methods not mentioned (5) experience difficulty reaching orgasm with any method (6) never reach orgasm, no matter how long I try, even through masturbation

93. When I make love, I experience orgasm
(0) never (1) rarely (2) sometimes (3) often (4) usually (5) always (9) N.A.

94. Which of the following best describes your experience
(0) I have been able to reach orgasm with one/most partner(s) I've had (1) I have been able to reach orgasm with one/some partners I've had (2) I experience difficulty reaching orgasm with one/most of the partners I've had (3) I have difficulty reaching orgasm with all the partners I've had (4) I have never reached orgasm with any partner I've had (9) N.A.

Thank you for answering the questionnaire. This information will add to our knowledge and will make it possible to offer more relevant services and educational programs.

EXPERIMENTAL GROUP
DATA SHEET

1. How old are you?_____

2. MARITAL STATUS:
   Married _____
   Widowed _____
   Separated _____
   Divorced _____
   Never Married _____

3. HOW MANY TIMES HAVE YOU BEEN PREGNANT?

_____none _____1 _____2 _____3 _____ more than 3

AGE AT FIRST PREGNANCY?_____

NUMBER OF BIRTHS

_____0
_____1
_____2
_____3
_____4
_____If more than 4, how many?

NUMBER OF ABORTIONS

_____0
_____1
_____2
_____3
_____4
_____If more than 4, how many?

NUMBER OF MISCARRIAGES OR SPONTANEOUS ABORTIONS

_____0
_____1
_____2
_____3
_____4
_____If more than 4, how many?

4. ETHNIC GROUP:
   White _____
   Black _____
   Hispanic _____
   American-Indian _____
   Oriental _____
   Other _____

5. EDUCATION COMPLETED:
   To grade 6 _____
   7-9 _____
   10-11 _____
   12 or GED _____
   Vocational School _____
   College 1-3 yrs. _____
   College completed _____
   Over 4 yrs. college _____

6. PAST RELIGIOUS UPBRINGING

_____Catholic
_____Jewish
_____Protestant
_____Other
_____None

PRESENT RELIGIOUS PREFERENCE

_____Catholic
_____Jewish
_____Protestant
_____Other
_____None

7. INCOME LEVEL PER YEAR

   $2,499 or less _____
   $2,500-4,999 _____
   $5,000-7,499 _____
   $7,500-9,999 _____
   $10,000-12,499 _____
   $12,500-14,999 _____
   $15,000-17,499 _____
   $17,500-17,999 _____
   $18,000-19,999 _____
   $20,000 and over _____

8. HOW MANY PEOPLE DOES THIS YEARLY INCOME SUPPORT?

_____1
_____2
_____3
_____4
_____If more than 4, how many

Experimental Group
Data Sheet

9. DO YOU RECEIVE FINANCIAL AID FROM ANY OF THESE SOURCES?

_____ Aid to Dependent Children
_____ General Relief
_____ Social Security
_____ Government Pension
_____ Student Government Loan (i.e. BEOG)
_____ Other

10. WHO REFERRED YOU TO THIS AGENCY?

_____ Kaiser
_____ Group Health Plan of N.E. Ohio
_____ Doctor
_____ Hospital
_____ Family Planning Agency
_____ Health Department
_____ Friend or Relative
_____ Telephone Book
_____ Radio
_____ Newspaper
_____ School Health Services

11. TYPE OF BIRTH CONTROL BEING USED WHEN YOU BECAME PREGNANT

_____ Sterilization
_____ Pill
_____ IUD
_____ Diaphragm
_____ Foam
_____ Condoms (rubbers)
_____ Withdrawal of penis
_____ Rhythm method
_____ Abstinence
_____ None

12. _____ TYPE OF BIRTH CONTROL YOU PLAN TO USE AFTER THE ABORTION:

_____ Sterilization
_____ Pill
_____ IUD
_____ Diaphragm
_____ Foam
_____ Condoms (rubbers)
_____ Withdrawal of penis
_____ Rhythm method
_____ Abstinence
_____ None

13. Do you believe the abortion procedure should be legal in the U.S. for all women? Yes _____ No _____

CONTROL GROUP
DATA SHEET

1. Have you ever been pregnant? Yes _____ No _____

2. How old are you? _____

MARITAL STATUS:
Married _____
Widowed _____
Separated _____
Divorced _____
Never Married _____

4. ETHNIC GROUP:
White _____
Black _____
Spanish Surname _____
American Indian _____
Oriental _____
Other _____

5. EDUCATION COMPLETED:
To Grade 6 _____
7-9 _____
10-11 _____
12 or GED _____
Vocational School _____
College 1-3 yrs. _____
College completed _____
Over 4 years college _____

6. PAST RELIGIOUS UPBRINGING
_____ Catholic
_____ Jewish
_____ Protestant
_____ Other
_____ None

PRESENT RELIGIOUS UPBRINGING
_____ Catholic
_____ Jewish
_____ Protestant
_____ Other
_____ None

7. INCOME LEVEL PER YEAR
$2,499 or less _____
$2,500-4,999 _____
$5,000-7,499 _____
$7,500-9,999 _____
$10,000-12,499 _____
$12,500-14,999 _____
$15,000-17,499 _____
$17,500-17,999 _____
$18,000-19,999 _____
$20,000 and over _____

8. HOW MANY PEOPLE DOES THIS YEARLY INCOME SUPPORT?
_____ 1 _____ 2 _____3 _____ 4 _____ If more than 4, how many?

9. DO YOU RECEIVE FINANCIAL AID FROM ANY OF THESE SOURCES?
_____ Aid to Dependent Children
_____ General Relief
_____ Social Security
_____ Government Pension
_____ Student Government Plan (i.e. BEOG)
_____ Other

10. TYPE OF BIRTH CONTROL METHOD YOU ARE USING NOW:
_____ Sterilization
_____ Pill
_____ IUD
_____ Diaphragm
_____ Foam
_____ Condoms (rubbers)
_____ Withdrawal of penis
_____ Rhythm method
_____ Abstinence
_____ None

11. Do you believe the abortion procedure should be legal in the Unites States for all women ? Yes _____ No _____

INFORMED CONSENT FORM

I, _____ agree to take part in this research study being conducted by Dr. Teresa B. Griffin, assistant professor in health education at Cleveland State University and Preterm of Cleveland, Ohio. The meaning of this study is to determine the effects of therapeutic abortion on the self concept of pregnant women.

The collection of data is divided into two parts; first, you will answer the questionnaires provided in this packet while at Preterm today and second, a follow-up questionnaire will be available during your medical checkup one month later. For those women not planning to return to Preterm after today the questionnaires will be mailed to you.

I understand there will be no utilization of code numbers, names, or other types of identifying information on the questionnaire answer forms. I am aware my completion of the questionnaires will be the basis of information for this study. Also, I understand this consent form will remain separated from the research study results when published.

There has also been recognized a need to do further longitudinal research on the topic of therapeutic abortion. Therefore, a possible follow-up of patients may occur approximately one year later. To accomplish this task, it will be necessary to obtain your home address so the questionnaire can be mailed to you.

We repeat, under no circumstances will your name or address be identified with your answers on the questionnaires. This is only necessary so we can mail you information at a later date.

Your cooperation is greatly appreciated because you are giving women in the United States an opportunity of presenting information on the current abortion issue. Hopefully, the results of this study will help keep abortion legal and a choice for all women. Thank you for your kind cooperation.

Regards,

Your name and address: _____

_____

_____

Dr. Teresa B. Griffin
Cleveland State University

Carolyn Buhl, Director
Preterm of Cleveland, Ohio

Consent Form

I, _____, agree to take part in this research study being conducted in conjunction with Dr. Teresa B. Griffin, assistant professor in health education at Cleveland State University and Preterm of Cleveland, Ohio. The meaning of this study is to determine the effects of therapeutic abortion on the self concept of pregnant women. Your participation and response to the questionnaires will be used as the control group of the study to compare with those women aborters at Preterm who compose the experimental group.

I understand there will be no utilization of code numbers, names or other types of identifying information on the questionnaire answer forms. Also, I understand this consent form will remain separated from the research study results when publically presented or published.

_____ _____

Signature Date

REFERENCES

1. Tietze, C. and Levit, S. "Abortion", Scientific America, 220:21-27, 1969.

2. Niswander, K.R., "Medical Abortion Practices in the United States," In Smith, D.T., ed. Abortion and the Law, pp. 37-59, The Press of Western Reserve University, Cleveland, 1967.

3. DeVereux, C., A Study of Abortion in Primitive Societies, Thomas Yoseloff, London, 1960.

4. Ezzard, N., Cates, W., Kramer, D., Tietze, C., "Race-Specific Patterns of Abortion Use by American Teenagers," American Journal of Public Health, 72(8):809-814, 1982.

5. Tietze, C., "Abortion Alarums", American Journal of Public Health, 72(6):534-535, 1982.

6. Chung, C., Smith, R., Steinhoff, P., Mi, M., "Induced Abortion and Spontaneous Fetal Loss in Subsequent Pregnancies", American Journal of Public Health, 72(6):548-554, 1982.

7. Patt, S., "Follow-up of Therapeutic Abortion," Archives of General Psychiatry, 20:408-414, 1969.

8. David, H., Rasmussen, N., Holst, E., "Postpartum and Postabortion Psychotic Reactions", Family Planning Perspectives, 13(2):88-92, 1981.

9. Freeman, E., "Influence of Personality Attributes on Abortion Experiences," American Journal of Orthopsychiatry, 47:503-513, 1977.

10. Olson, L., "Social and Psychological Correlates of Pregnancy Resolution Among Adolescent Women: A Review", American Journal of Orthopsychiatry, 50:432-445, 1980.

11. Freeman, E., "Abortion: Subjective Attitudes and Feelings," Family Planning Perspective, 10(3):150-155, 1978.

12. Bracken, M. Hachamovitch, M. and Grossman, A., "The Decision to Abort and Psychological Sequelae", Journal of Nervous and Mental Disorders, 15:155-161, 1974.

13. Clark, M., "Sequelae of Unwanted Pregnancy", Lancet, 2:501, 1968.

14. Fitts, William H. Tennessee Self Concept Manual. Counselor Recordings and Test, Nashville, Tennessee, 1965.

15. Thompson, W., "The Self-Concept and Self-Actualization," Dede Wallace Center Monograph, Nashville, 1971.

16. Rentz, R. and White, W., "Congruence of the Dimensions of Self-as-Object and Self-as-Process", Journal of Psychology, 67:277-285, 1968.

17. Vacchiano, R. and Strauss, P., "The Construct Validity of the Tennessee Self Concept Scale", Journal of Clinical Psychology, 24(3):323-325, 1968.

18. Vincent, J. "An Exploratory Factor Analysis Relating to the Construct Validity of Self Concept Labels," Educational and Psychological Measurement, 28:915-921, 1968.